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ADMINISTRATION REPORT

OF THE

MADRAS MUNICIPALITY

FOR

THE LAST THREE QUARTERS OF

1878.

MADRAS:
PRINTED AT THE LAWRENCE ASYLUM PRESS, MOUNT ROAD,
BY W. H. MOORE.

1879.

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MUNICIPALITY OF MADRAS.

REPORT OF THE PRESIDENT FOR THE NINE MONTHS ENDING 31st DECEMBER, 1878.

SUBMITTED TO THE COMMISSIONERS UNDER SEC. 91 OF ACT V OF 1878.

I.—GENERAL.

In submitting this Report on the Administration of the Municipality for the nine months ending 31st December 1878, it is necessary to state that the affairs of the City were administered during that period by a Board constituted under Act IX of 1867, which has been repealed by the City of Madras Municipal Act, 1878, under which the present Board of Commissioners is constituted.

The Appendices are I, the Statement of Receipts and Disbursements and Papers relating to Accounts, II the Report of the General Department, III the Report of the Revenue Department, IV the Public Works and Conservancy Report, and V the tables of Births and Deaths with Commentary prepared by the Registration Department. These furnish all the matter contained in this Report.

Meetings.—There were ten General and seventeen Committee Meetings during the nine months.

Executive Officers.—Mr. Loch, the President, having resigned his appointment in consequence of ill-health, Mr. Burrows, the Acting President was confirmed.

Subjects under consideration.—Besides the ordinary business connected with the Budget and the Accounts, the late Commissioners had under consideration schemes for Drainage and Water-Supply Extension and for the erection of a new Municipal Market on the Esplanade. Proposals were submitted to Government for loans for carrying out the works, but final orders were not received during the year.

License Tax.—The assessment and collection of the license tax was imposed on the Municipality in accordance with the provisions of the License Act III of 1878. A special department was organized for this work under Mr. J. B. Cardozo. Up to the 31st December the receipts were Rs. 44,360 and the cost of collection Rs. 6,272-9-5.

II.—FINANCIAL.

Sanctioned Receipts and Expenditure.—It will be seen from the Statement of Receipts and Disbursements, Appendix I, that the estimated receipts including the actual balance in hand on the 1st April amount to Rs. 5,66,597, and that the total of the Budget Grants is Rs. 6,30,162-8-0. In this latter amount is

included a sum of Rs. 63,846-0-0 under head of "Reserve," being the estimated amount of liabilities "other than Government" incurred, but not paid in the previous year. Excluding the latter sum, the sanctioned expenditure of the year is shown to be Rs. 5,66,316-8-0, leaving an estimated balance of Rs. 280-8-0. The actual receipts from budgeted sources including the balance amount to Rs. 5,76,742 which is Rs. 10,145 in excess of the estimate, and the actual disbursements under sanctioned grants (excluding a sum of Rs. 45,491-13-2 paid on account of liabilities "other than Government" incurred in the previous year) amount to Rs. 5,11,001, to which must be added Rs. 39,881 for liabilities "other than Government," and Rs. 36,103 for "Government" liabilities incurred but not paid during the year, in all Rs. 75,984. This sum with Rs. 5,11,001 abovementioned makes up a total expenditure of Rs. 5,86,985, against Rs. 5,66,316-8-0 sanctioned, or Rs. 20,668-8-0 in excess.

A reference to the Statement of Receipts and Disbursements, major head "Payments to Government," will show that whereas a sum of Rs. 50,768-0-0 was provided for the Interest and Sinking Fund on the Water Works Loan, the actual expenditure under this head was Rs. 78,285-1-8 or Rs. 27,517-1-8 in excess of sanction. The excess payment was made on account of interest due, but not provided in the Budget. The circumstances which led to the payment are given in Government Proceedings printed in Appendix I. Deducting this excess, the regular Budget expenditure is shown to be Rs. 5,59,468. It is seen therefore that the expenditure, or, more accurately speaking, the total of the liabilities regularly incurred was nearly Rs. 7,000 less than the sanctioned grants, which amounted, as shown above, to Rs. 5,66,316-8-0.

Financial Equilibrium.—The sanctioned grants fairly provided for all the ordinary charges against the Municipal Fund during the nine months, in addition to which a sum of Rs. 31,000 was allotted to New Works and Improvements, and Water Works Extension. It might therefore be inferred that not only was financial equilibrium attained, but that there was a surplus of Rs. 17,000, made up by excess receipts on the one side and savings in expenditure on the other. But it must not be lost sight of that under the arrangements prescribed in the old Municipal Act, the receipts from taxes for the months January to March inclusive are below the average of the year, while the expenditure remains pretty much the same. A fair example as regards receipts from taxes is afforded by comparing the following items taken from page 4 of Appendix II of this Report, and page 17 of the Commissioners' Report for 1877-78.

	Appendix II.	Last year's Report.
Total Income from Taxation excluding Balance...	4,90,045	5,49,983.

The year 1877-78 is by no means an unfavourable one for comparison. The taxes were efficiently worked, and there were larger collections on account of arrears than in an ordinary average year. Assuming that Rs. 5,49,983 represents the amount fairly realizable in one year from the taxes, three-quarters of that amount would be Rs. 4,12,487 or Rs. 77,558 below the amount collected from April to December 1878. The total liabilities regularly incurred under sanctioned grants during the nine months were, as we have seen, Rs. 5,59,468. Deducting Rs. 77,558 the excess collected, from Rs. 5,76,742 the total income of the nine months, there remains only Rs. 4,99,184, which falls short by Rs. 60,284 of the total liabilities regularly incurred under sanctioned grants during the nine months. In

other words the income would have fallen considerably short of the amount required for ordinary charges and New Works according to the scale sanctioned in the Budget, but for the circumstance that more than a just proportion of the year's taxes were collected in the nine months. It follows therefore that the results of the nine months are far from showing a state of equilibrium.

Actuals—The Balance.—To revert to the actual transactions. The estimated balance is seen to have been Rs. 280-8-0. It is found that the actual balance shown in the books is Rs. 50,840-5-7. At page 4 of Appendix II, it is explained that Rs. 38,087-6-7 are the net proceeds of the License Tax and that the balance at credit of the Municipal Fund was Rs. 12,752-15-0. In addition to the regularly sanctioned receipts and disbursements it will be seen that (exclusive of License Tax), there was a receipt of Rs. 78,886-4-0 under House-services, Workshop, &c., and a disbursement of Rs. 86,382-15-11 under the same and other heads, showing a net disbursement of Rs. 7,496-11-11 not recognized in the Budget. With the exception of Rs. 100 "loss by a forged Currency Note," and Rs. 777 which should have been set off against receipts from tolls, the whole of this unbudgeted expenditure is of the nature of Advance or Suspense account expenditure, and forms an asset of the Municipal Fund. The expenditure under "Reserve" amounts to Rs. 45,491-13-2. To this head were charged all payments on account of liabilities "other than Government," incurred in the previous year. As there was no provision for this expenditure in the Budget, it is necessary to explain that the framers of the Budget were not able to do more than provide for the current charges out of the receipts at their disposal. Had there been a cash balance available, a sum sufficient to meet estimated liabilities would have been duly reserved out of it, but as there was no available cash balance the liabilities were left to be met from current receipts, and the deficit thus created from receipts in the following year. Another irregular payment was the excess payment of Rs. 27,517-1-8 on account of Interest in the Water Works Loan, to which allusion has been made above. By the deduction of these two payments the regularly sanctioned expenditure is shown as Rs. 4,83,484.

The following Statement shows concisely the sanctioned Budget income and expenditure, compared with the sanctioned Actual income and expenditure and the balance which should have existed under normal circumstances :—

	Budget.	Actual.
	RS.	RS.
Opening Balance (Actual)	4,715	4,715
Income	5,61,882	5,72,027
Total	5,66,597	5,76,742
Sanctioned Expenditure	5,66,316	4,83,484
Balance	281	93,258

Instead of a balance of Rs. 93,258 which should have been available under normal circumstances for meeting the liabilities incurred under the Budget but not paid

(amounting as shown above to Rs. 75,984) there is only Rs. 12,753, the difference Rs. 80,505 being made up as follows :—

	RS.
Paid for liabilities of previous year	45,492
Excess of payments over receipts on Advance and Suspense accounts. ...	7,496
Excess payment of Interest	27,517
Total...	80,505

Liabilities.—The full particulars of these will be found on page 5 of the Departmental Report, Appendix II. Including a claim for Quit Rent which was under examination the Municipality owed the Government on the 1st of January 1879, Rs. 1,79,690-5-1, and there were out-standings due to others amounting to Rs. 39,881. In all there was a floating debt of Rs. 2,19,571-5-1 at the close of the nine months.

Advances.—The amount of out-standing on the 1st of January 1879 was Rs. 12,359-3-5 as shown at page 5 of Appendix II.

Water-Works Loan.—The Statement at page 6 of Appendix II shows the progress made in paying off this loan. On the 31st of December the Sinking Fund for its extinction stood as follows :—

	RS.	A.	P.
In Government Securities	2,01,600	0	0
Cash	11,922	7	9
Total...	2,13,522	7	9

The loan amounting to Rs. 14,30,000 was received in several instalments as required between August 1869 and May 1874. The interest charged by Government is 4 per cent., and 2 per cent. more is paid for the Sinking Fund.

Stores.—The Store Account closed with a debit balance of Rs. 46,640-4-1, which is less than the previous year by Rs. 3,280-2-10.

Workshop.—The balance at debit of this Account at the close of the previous year was Rs. 6,007-3-2, as shown in the statement of Receipts and Disbursements accompanying last year's Report. During the nine months it was debited with Rs. 35,915-1-2 for wages and materials supplied, and credited with Rs. 36,723-15-11 for work turned out, leaving a debit balance at close of the year of Rs. 5,198-4-5.

House Services and other Government and Private Works.—The excess of expenditure noticeable under this head is due to certain works executed by the Municipality at the request of the Presidency District Engineer, the charges for which remained to be recovered.

Auditors' Report.—In the Auditor's Report, Appendix I, it is pointed out that an error has been made in respect of an item of Rs. 1,941-2-5, which has been charged off to Municipal Fund instead of being debited to "Stores." The Report (not dated) was received too late for the necessary alterations to be made and shown in this Report, but the remarks of the Auditors with reference to this item, will receive due attention.

III.—COLLECTION OF TAXES.

Carriage Tax.—The half-yearly periods for which this tax was payable under the old Municipal Act, commenced respectively on the 1st May and 1st November. But under the new Municipal Act which came into force on the 1st January, the half-yearly periods were altered to suit the calendar year, and made to commence on the 1st January and 1st July. To have collected the tax for the half-year commencing on the 1st November 1878 under the old Act, and that for the half-year commencing 1st January 1879 under the new, would have been to collect two half-yearly taxes for a total period of eight months. To avoid this, the late Commissioners, with the sanction of Government, resolved to forego the tax for the half-year commencing 1st November. By this arrangement the demand available for collection during the nine months under review was limited to one half-year's tax and the arrears. The current demand was originally Rs. 21,805 which was subsequently reduced by remissions on account of non-liability and disappearance of persons liable to Rs. 19,497-4-0, of which Rs. 19,185-4-0 was collected. A sum of Rs. 1,945-0-0 was collected on account of arrears, making a total of Rs. 21,130-4-0. The collection exceeds the average of the three previous half-years by Rs. 306.

Registration of Carts.—The half-yearly periods for which carts are registered, commence on the 1st January and 1st July respectively. Consequently, the collections were for a portion of the 1st and the whole of the 2nd half-years. They amount to Rs. 8,266-6-10, being Rs. 10 under the average of the corresponding period in the three preceding years, but exceeding 1875 by Rs. 1,438 and 1876 by Rs. 631, the large excess in 1877 being due to the famine.

Tolls.—The tolls were, as usual, let out on contract. The payments received from the farmer during the nine months amount to Rs. 32,550. There is a decrease of Rs. 2,111 compared with the average of the corresponding period in 1875, 1876 and 1877. It is to be expected that the increasing use of the South Indian Railway will continue to affect this source of revenue injuriously.

Profession Tax.—The Departmental Report deals solely with the Demand of 1878 and the Current and Arrears Collections. It is much to be regretted that a complete Statement of Demand Collection and Balance for the years 1875, 1876 and 1877 is not forthcoming as was anticipated by the Budget Committee in framing the estimate for 1879. It should however be explained that the matter is receiving the attention of the Standing Committee. The Profession tax, it should be observed, is payable for the calendar year by half-yearly instalments falling due respectively on the 1st June and 1st December. There was, therefore, but little time for the collection of the 2nd half-yearly instalment. The gross demand for 1878 as originally assessed on 9,000 persons and 133 Joint Stock Companies was Rs. 1,46,216, of which Rs. 16,233 were remitted on objection, leaving a remainder of Rs. 1,29,983. Of this amount a sum of Rs. 63,520-8-0 was collected up to 31st December including Rs. 722-0-0 tendered voluntarily prior to 1st of April and taken into the accounts of 1877-78. The current collections for same period in three preceding years average Rs. 51,762. The arrears collections were only Rs. 5,665, which is less than a third of the average arrears collections in preceding years. The total collection for arrears and current during the nine months is Rs. 68,463-8-0, which exceeds the average of the three preceding years but is less than 1876 and 1877 owing to the excess arrears collections made in those years.

On the 1st January 1879, there remained on the books a balance demand of Rs. 66,462-8-0 on account of 1878.

Liquor Shop Tax.—The number of shops assessed to this tax for 1878 was 510 against 498, the average number of the three preceding years: the amount of the assessment was originally Rs. 11,493 reduced to Rs. 11,416 by reductions on objections. Including Rs. 459 collected prior to April 1st the total amount collected was Rs. 10,804, leaving a balance of Rs. 612 to be accounted for. The collections on account of arrears amounted to Rs. 112, bringing up the total to Rs. 10,457. The Departmental Report shows the difficulty experienced in realizing this tax. Sixty per cent. of the persons liable to pay the tax have to be compelled to pay by resort to prosecution.

House Rate.—The details of the assessment and collection of this tax as given in the Departmental Report are both clear and full, and do not readily admit of condensement. The number of rateable premises was 32,236 as finally settled.

There was an increase of 959 in the number of rateable premises above the average of the three preceding years. There were 284 new assessments and 667 increases against 200 total exemptions and 354 reductions. 570 appeals embracing 736 holdings were admitted and heard, of which 36 were against fresh assessments, 210 against increases, and 490 against standing rates.

The net demand for the year after settlement of objections and appeals was fixed at Rs. 3,52,426 against an average of Rs. 3,41,333 for the three preceding years, showing an increase of Rs. 11,093.

The arrears demand was Rs. 16,168, which brings up the total demand to Rs. 3,68,594, against which Rs. 4,034-3-2 were written off on account of remissions, &c., leaving a net balance of Rs. 3,64,560 for collection. The collections inclusive of refunds amounted to Rs. 3,43,158, leaving a balance of Rs. 21,402, which is 5·8 per cent. of the settled demand. This result is very satisfactory when it is considered that the period of collection was curtailed by three months. As compared with previous years the working of this tax shows continued and steady improvement.

In para. 27 of the Departmental Report are given the particulars of the coercive measures employed in the realization of the rate. It appears that 15,610 notices, and 6,560 warrants were issued. There were also 1,156 unexecuted warrants of previous years. 4,007 warrants were executed, and in 730 cases distrained property was sold. Out of the 6,560 warrants issued for current demand 5,456 or 83 per cent. were in respect of properties not exceeding Rs. 96 in annual rent value, 3,983 or 61 per cent. in respect of properties not exceeding Rs. 48, and 2,045 or 31 per cent. in respect of properties not exceeding Rs. 24.

The graduated scale of Houses, &c., assessed, given on page 24 of the Departmental Report furnishes some interesting and instructive particulars. It appears that out of 32,236 assessed holdings, 25,931 or over 80 per cent., do not exceed Rs. 100 in annual rental value. It follows that the largeness in the proportion of the warrants issued in respect of small properties is accounted for by their large numerical preponderance, and that there is no ground for the argument that the house rate is felt to be especially oppressive by the small property-owners.

Ground Rents.—The net demand for arrears after deduction of remissions was Rs. 1,994, which with the current demand of the 1st, 2nd and 3rd

quarters amounted to Rs. 8,494. The collection amounted to Rs. 5,656, leaving a balance of Rs. 2,838, of which Rs. 1,665 was against the arrears demand. The Budget estimate was exceeded by Rs. 656, and the previous average by Rs. 1,308.

Considerable progress was made in the sifting and final disposal of the arrears demand, and it is hoped that the work will be completed in the course of the present year.

It is hoped that in the next Report it will be possible to show that the standard of efficiency attained in the collection of the House rate and Ground rents has been more nearly approached by the staff employed in the collection of the other taxes.

The following table shows how the collections compare with the revised estimate and the actuals of the corresponding period in the three previous years :—

Tax.	Estimate (revised.)	Actual Collections.	Three preceding years' average for same period.	REMARKS.
	RS.	RS.	RS.	
Carriage Tax.....	21,000	21,130	20,824	
Cart Registration...	8,200	8,266	8,276	
Tolls	32,500	32,550	34,661	
Profession Tax	65,000	68,464	65,452	
Liquor Shop Tax....	10,300	10,457	9,527	
House Rate.....	3,42,600	3,43,158	3,19,522*	*The Collections for 1875, 1876 are increased 2½ per cent. for purposes of comparison.
Ground Rents.....	5,000	5,656	4,348	
Total.....	4,84,600	4,89,681	4,62,610	

Miscellaneous Collections.—There is but little calling for remark under this head. The aggregate estimate of Rs. 77,282 was exceeded by Rs. 5,245. There were excesses under most of the items. The rents of Market Stalls realised less by Rs. 715 than the estimate, being an average of nearly 80 Rupees a month. This may be due to the depressed state of trade. Strand Rents show a falling off owing to the same cause. Under the head of Sewage Farms the collections are Rs. 4,283 against an estimate of Rs. 6,000, showing a deficit of Rs. 1,717. Against this there were in stock at the year's end 85¼ tons of hay valued at Rs. 2,557. The item of Rs. 1,500 for compensation from Government for Latrines was inserted in the estimate in the expectation that the Government were about to take up certain latrines, but the expectation was not realised within the year.

IV.—PURPOSES OF THE MUNICIPAL ACT.

Education.—The adoption of a somewhat reduced scale for the calculation of "Results Grants" added to the fact that many of the schools on the list of the Municipality had not been examined in time to allow of their drawing their grants before the 31st December, results in a small expenditure on account of Education. From the report of the Deputy Inspector of Schools, it appears that a sum of Rs. 2,682-11-0 was paid in grants to 75 schools, sending 1,571 pupils for

examination, and that the pay of the Inspecting Schoolmasters and contingencies cost Rs. 1,544, making a total of Rupees 4,226-11-0. Out of 147 schools on the list, 102 were examined before and 45 remained to be examined after 31st December. The grants drawn under the new scale were about half of what would have been paid under the old.

Hospitals and Dispensaries.—The functions of the Commissioners are confined to the payment of an annual sum for the maintenance of the Black Town Infirmary, the Hospital for women and children at Vepery, the Royapettah Hospital and the Lock Hospital for the prevention of Contagious Diseases. The total amount allotted was Rs. 36,102-12-0, but for the reasons given in G. O., 3rd December, 1878, No. 2148, printed in Appendix I, no portion of this sum was paid during the nine months. A sum of Rs. 225 was paid in aid of the Rev. Dr. Strachan's Dispensary at St. Thomé.

Public Health—Deaths.—Although the present report embraces only the last nine months of the calendar year so far as relates to Municipal administration, it is convenient in noticing the statistics of births and deaths to deal with the whole year. The period, Jannary—March 1879, which was embraced in the Report for 1878-79 will, therefore, again be noticed in the present report.

There were 18,912 deaths registered from all causes during the year. Of these 447 were from small-pox, 1 from measles, 4,982 fevers, 3,434 dysentery, 1,108 diarrhœa, and 85 cholera. Calculated on the Census of 1871, the death-rate per mille per annum is 47.5. The deaths are thus distributed over the four quarters of the year :—

1st Quarter	6,267	or per mille per annum	... 62·8
2nd ,,	3,857	,,	... 38·4
3rd ,,	4,592	,,	... 46·8
4th ,,	4,196	,,	... 42·8
2nd, 3rd & and 4th Quarters	12,645	,,	... 42·5

In the official year 1877-78 the deaths registered were 39,716 or 99·9 per mille per annum. This enormous excess was, of course, attributable to the famine; and the high death-rate of 1878 must be attributed to its after-effects. The improvement from 99·9 for 1877-78, to 62·8 for first quarter and to 42·8 for last three quarters of 1878 being as great as could have been expected.

It will be seen by referring to Table xxx of Appendix V. that, in the first quarter, there was excessive mortality from small-pox, fevers and dysentery, that there was a marked improvement in the second quarter, and that in August the mortality from fevers and dysentery again increased.

There were 85 deaths from cholera, of which 29 occurred between the 16th and 29th of November. This outbreak was confined to the 2nd and 3rd Divisions, and is believed to have originated from drinking water supplied by barrel cartmen, as it was confined almost entirely to the houses of persons using such water.

It is observed that the Divisions in which the greatest mortality occurred are the first and fourth. It should not be lost sight of, however, that there is an abnormally high birth-rate in these Divisions. These two facts seem to indicate that the population of these Divisions has largely increased since the last Census, there being nothing in the sanitary condition of either to account for a high rate of mortality.

	Birth-rate.	*Death-rate.*	
1st Division....	... 58·5 ...	... 57·0	Per mille per annum.
4th Division....	... 42·2 ...	... 48·8	

There were 4,074 deaths amongst infants under one year old, 3,220 amongst children aged from 1 to 6, and 3,261 of persons over 60, making in all 10,555 deaths, or over 55 per cent. of the total number of deaths.

Births.—There is a further increase in the number of births registered, the numbers being for 1877 14,384
1878 15,104

Since the year 1875 birth-registration has greatly improved, there being nearly 50 per cent. more births registered in 1878 than in the former year. Of the 15,104 births, 341 were still-born and 14,763 living; 7,878 were males and 7,226 females. The birth-rate per mille per annum was 37·9.

Vaccination.—The Vaccination Staff which used formerly to be under the direct supervision of the Inspector of Vaccination, was on the 1st of April transferred to the late Commissioners. The expenditure during the nine months was Rs. 3,703-15-5, or Rs. 5,096-8-0 if the expenditure of the 1st quarter be added. For purposes of comparison it is more convenient to deal in this report with a whole year, and this has accordingly been done by adding the work done in the first quarter. The total number of all ages vaccinated was 39,376, of which 20,090 were successful, 1,621 unsuccessful and 17,665 unknown.

Compared with the operations of 1877-78 these figures are very small. In that year the total number was 116,335, of which 51,595 were reported successful. In 1876-77 the total was over 51,000, and in 1875-76 it was 49,000. Making therefore every allowance for the extra staff employed during the famine year, the number still appears small, as it falls short of 1875-76 by nearly 10,000. This may be perhaps accounted for to some extent by the fact that there are fewer persons now than formerly who require and are willing to accept vaccination. The extraordinary exertions made during the famine, aided by the general fear of small-pox then prevailing, left comparatively few subjects for operation in the succeeding year. But infant vaccination would not be affected by this cause, and it is found that there has been a considerable falling off in this item, the numbers being only 2,624 as against 7,335 in 1877-78, 3,694 in 1876-77, and 3,009 in 1875-76. It is clear, therefore, that better results ought to have been shown.

Sanitary Inspection.—Tables 20 and 21 annexed to the Departmental Report, Appendix IV, give respectively the particulars of the notices served under the Conservancy sections of the Act, and of the persons prosecuted for breaches of those sections during the nine months from April to December 1878. There were 360 notices served, of which 327 were complied with : 1,686 persons were prosecuted, of whom 1,360 were convicted, 28 acquitted, and against 200 the charge was withdrawn. The remaining cases were undisposed of. These figures are small compared with the results shown for 1877-78, but in that year the large extra staff of Medical Inspectors employed on account of the famine fully account for the difference. Table 18 gives the particulars of 467 licenses issued for using places for carrying on dangerous or offensive trades, markets, &c., and 46 licenses for temporary erections. The Municipal burying and burning grounds received constant attention, and are generally in a much better condition than formerly. These important duties have fully occupied the staff, in addition to the supervision of the conservancy and repairs, &c., within their respective Ranges and Wards.

Conservancy.—The surface-cleansing and removal of rubbish and night-soil was carried out by a force of 1,061 coolies and 361 carts. 283,567 cart-loads,

of which 8,231 were of night-soil, were removed. As noticed in former reports the bulk of the night-soil from houses continued to be carried away with the ashes and other rubbish in the open carts. Separate means for its removal are now being supplied.

As compared with the results of last year, there is a slight increase in favour of the nine months.

The rubbish was deposited in thirty-nine different places, of which the following are the principal :—

	Cart Loads.
The Municipal land at Manally, conveyed in boats..	30,804
Coorookoopettah (private ground).....	36,566
Basin Road (Government land).....	29,229
Barbers' Bridge (do.).....	28,178

The arrangements for private conservancy in the 6th Division noticed in the last report, continued to work satisfactorily. They have been discontinued since the introduction of the new Municipal Act.

The main drains of Black Town and Triplicane were cleaned, over 5,000 cubic yards of silt having been removed from the former.

The cost of the surface-cleansing was Rs. 1,14,399-8-5 out of an allotment of Rs. 1,22,485-4-0 in the Budget.

Disease of a virulent type broke out in August amongst the cattle supplied by the contractor for the scavengering carts, and as the contractor seemed unable to cope with it, assistance had to be given to him to prevent the disease spreading in the town. A hospital pound was formed for the segregation and treatment of diseased animals : 104 bullocks were admitted between the 19th November 1878 and the 2nd January 1879, of which only 34 recovered. It is an agreeable duty to bring prominently to the notice of the Commissioners the valuable services rendered during this outbreak by Mr. Western, Veterinary Surgeon of the Governor's Body Guard, under whose direction the hospital pound was formed and kept up. No fresh admissions having occurred for some time after the 2nd January, the pound was broken up about the end of that month.

The amount realised by sale of rubbish during the 9 months was Rs. 3,489-8-0 as against Rs. 2,039 in 1877-78, Rs. 1,122 in 1876-77 and Rs. 2,570 in 1875-76.

Dust Bins.—The total number of new dust bins erected was 675 at a cost of Rs. 3,904-5-10. It is found that 2,976 more dust bins are required in all the streets of the city at an estimated cost of Rs. 20,832.

Latrines.—Including the water latrine in Vasappamode Parcherry, five new permanent and two temporary latrines were erected, and a large number of the existing ones repaired. A latrine in Triplicane was converted into a water latrine. Every effort has been made to keep the latrines in a state of tolerable cleanliness. The water latrines are an immense improvement on the old pattern, being always perfectly clean and free from offensive smell. Full particulars of the

expenditure are given in tables 1 and 7 annexed to the Departmental Report. The total cost of the new latrines was Rs. 2,547-10-10, and of the repairs Rs. 2,050-10-7.

Sewage Farms.—The receipts from these farms as shewn in the Statement of Receipts and Disbursements amounted to Rs. 4,282-13-4 against an estimate of Rs. 6,000. A considerable addition was made to the Triplicane farm by the raising and levelling of a piece of Government land situated to the east of the Canal and south of the Nullah. A new farm was formed at Royapuram. The cost of working each farm and the receipts are shown in the Departmental Report.

	Cost of working.	Receipts in Cash or Stock.
DeMellow's Road Farm	Rs. 1,378 4 11	Rs. 1,362 2 4
Triplicane ,, ...	965 8 6	1,125 10 3
Kishnampett ,, ...	1,843 6 5	2,641 1 7
Total Rupees...	4,187 3 6	5,128 14 2

General Market.—The rents of the stalls in the market realized, according to the statement of Receipts and Disbursements, Rs. 6,285-6-6 against Rs. 7,000 estimated. The market was improved by the erection of a verandah in front of the butchers' stalls on the west side of the main gangway at a cost of Rs. 636-2-1.

Parcherries.—The two worst parcherries in Black Town were the Eadgah Mosque and Vasappamode Parcherries. The huts in the former were removed and the ground levelled at a total cost of Rs. 1,602-1-8. The site of this parcherry belongs to a Mahomedan religious institution which is unable to meet the cost of the improvements. This will therefore devolve on the Municipal Fund. The ground is at too low a level to admit of drainage. It is therefore being gradually raised with clean rubbish and will in time become a valuable building-site. The Vasappamode Parcherry has been put in a good sanitary condition by the construction of drains, and the opening out of streets. It is stated in the Departmental Report that the expenditure on this improvement amounted to Rs. 3,218-13-5, of which Rs. 683-14-11 had been recovered, and Rs. 722-15-8 more was recoverable from the owners of the land, so that the net cost to the Municipality would be ultimately only Rs. 1,811. The method adopted in respect of the Vasappamode Parcherry should be put in force against the owners of the land on which other parcherries are situated.

Drainage.—Nothing worthy of special mention was done for the improvement of the drainage. A scheme for the drainage of Black Town, drawn up by Mr. Jones, was approved of by the late Commissioners and submitted to Government. In many streets the old masonry side drains are completely broken up. It is hoped that a portion of Mr. Jones' scheme will be taken in hand in the course of the year 1879.

Water Works.—The supply at the Red Hills was abundant throughout the nine months. The lowest point reached was at the end of August when there

was still six feet of water above the lowest pipe. The analyses given in the Departmental Report show that the water contains albuminoid ammonia in far larger proportion than is considered safe for potable water, nevertheless the water is undoubtedly increasing in favour, the consumption being about 2½ million gallons per day for the nine months embraced in this report.

Four new fountains were erected and a few small extensions were made to the pipe system. The works were kept in good order, though it was discovered in taking up a 24-inch valve in the Mount Road that there was a large deposit of small snails in the main pipe. The Delivery Channel is reported to be in need of extensive repairs in parts.

The number of new house-connections was 57 against 23 in the twelve months preceding.

Sixteen public tanks were kept full of water from the pipes.

The public are indebted to the liberality of Mr. C. V. Cunniah Chetty for a handsome stone cattle trough which has been erected on the Mount Road near the Napier Park.

Roads.—During the nine months 42 miles, 7 furlongs, 64 yards of road containing a superficial area of 38,688·34 squares of 100 square feet, were reformed for Rs. 94,100-2-5 or Rs. 2,188-6-0 per mile. The thicknesses were in the following proportions :—

6 inches.....	7·5	per cent.
5 ,, ...	2·5	,,
4 ,, ...	85·7	,,
3 & 2 ,, ...	4·3	,,
Total...	100	

The tables annexed to the Departmental Report contain full details of the work done under the head of Roads. The emergent repairs cost Rs. 17,955-7-8 for labour and materials.

Lighting.—The total number of lamps at the close of the nine months was 1,825. Owing to disputes between the contractor and his servants the lighting in July was defective. A heavy fine was imposed on the contractor in accordance with the terms of his contract, after which there was an improvement. New burners and globes for all the street lamps were imported into store ready for issue on the 1st January.

Fire Engines.—The occurrence of a fire in the shop of Gopaulkishnamah Chetty in Popham's Broadway, which owing to the stillness of the night was fortunately put out before any damage was done to adjacent premises, led to a representation being made to the Government of the insufficiency of the means available in Madras for the extinction of fires. This resulted in certain recommendations (given in the Departmental Report) being made by the Fire Code Committee, which were approved by Government and the Municipality, and were being carried out.

Public Parks.—There is nothing calling for special mention in the management and up-keep of the Napier and People's Parks. The nett cost of the latter for the nine months was Rs. 9,566, inclusive of the maintenance of the Zoological collection. The roads, paths, fences, and buildings were maintained in good order. Large numbers of persons visited the Park daily. In December a Fair was for the first time held in the Park. It was carried out under the management of a mixed

Committee without aid from Municipal Funds, and attracted an immense number of visitors. In the Napier Park the cash receipts were Rs. 2,641 against an expenditure of Rs. 1,473.

Avenues.—The expenses incurred in the maintenance of the avenues are shown to have amounted to Rs. 2,812-2-7. For this sum 2,877 trees were watered and their fencing repaired; and 423 young trees were planted, of which 415 were fenced. Although in some of the roads the trees appear to make rather slow progress, they have done very well on the whole, and will in a few years become one of the most agreeable features in the appearance of the city.

Conclusion.—In conclusion, it must be explained that the late appearance of this Report is owing to an unusual amount of work in connection with the elections and the changes consequent on the introduction of the New Act, by which the Departmental Reports were unavoidably delayed.

L. R. BURROWS,
President of the
Municipal Commission.

MUNICIPAL OFFICE,
9th September, 1879.

STATEMENT OF RECEIPTS AND DISBURSEMENTS

Receipts in the corresponding period of 1877.			RECEIPTS.	Budget Estimates, April to Dec. 1878.			Total of Budget Estimates under Major Heads.			Total Receipts.			Total Receipts under Major Heads.			REMARKS.
Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
			RATES ON HOUSES, BUILDINGS AND LANDS.													
			Anterior to and for 1875							326	15	11				
			1876							530	2	0				
			1877	...	...	...	3,42,600	0	0	5,015	14	11				
			Additional for „ 1878							4,895	11	4				
										3,32,503	5	0				
										3,43,272	1	7	3,43,272	1	7	
3,01,497	1	7	Deduct refund for 1877...	...	...	...	...	...	...	323	3	8				
			Additional „ 1877...	...	...	...	...	...	...	66	10	2				
			1878...	...	...	...	...	...	...	212	9	1	602	6	11	
										3,42,669	10	8	3,42,669	10	8	
8,204	14	4	GROUND RENTS	...	...	...	5,000	0	0	5,656	0	6	5,656	0	6	
			TAX ON ARTS, PROFESSIONS, TRADES AND CALLINGS.													
			Anterior to and for 1875							498	12	9				
			1876							84	3	11				
			1877	...	...	...	65,000	0	0	5,110	0	0				
			1878							62,814	8	0				
										68,507	8	8	68,507	8	8	
			Deduct refund for 1877...	...	...	...	...	...	..	23	0	0				
61,720	1	1	1878...	...	...	...	...	...	...	16	0	0	44	0	0	
										68,463	8	8	68,463	8	8	
			TAX ON LIQUOR LICENSE.													
			Anterior to and for 1875							100	0	0				
			1876	...	...	...	10,300	0	0	...	...	...				
			1877							12	0	0				
9,622	0	0	1878							10,345	0	0	10,457	0	0	
			TAX ON CARRIAGES ON SPRINGS AND ANIMALS.													
			Anterior to and for half-year ending 30th April 1877.							36	0	0				
			For half-year ending 31st October 1877	...	..	...	21,000	0	0	67	8	0				
			„ do. 30th April 1878							1,915	8	0				
			„ do. 31st Oct. 1878							19,190	4	0				
										21,209	4	0	21,209	4	0	
			Deduct refund for 30th April 1878...	...	...	...	...	...	...	74	0	0				
27,316	0	0	31st October 1878...	...	...	...	...	...	...	5	0	0	79	0	0	
										21,130	4	0	21,130	4	0	
			REGISTRATION OF CARTS AND OTHER VEHICLES WITHOUT SPRINGS.													
			Anterior to and for 1st half-year 1877...							...	..	...				
			Do. 2nd do. ... 1877...	...	...	...	8,200	0	0	9	6	10				
			Do. 1st do. ... 1878...							878	0	0				
			Do. 2nd do. ... 1878...							7,349	8	0				
10,464	15	1	Registration of Transfer ...	...	...	...	...	...	...	29	8	0	8,266	6	10	
			TOLLS ON CARRIAGES AND ANIMALS ENTERING THE TOWN.													
33,508	5	4	Farm	...	...	...	32,500	0	0	32,550	0	0	32,550	0	0	
749	8	0	Composition.. ...	...	...	...	...	...	...	307	8	0	307	8	0	
			Carried forward...	...	...	...	4,84,600	0	0	...	...	...	4,89,500	6	8	

FROM 1ST APRIL TO 31ST DECEMBER 1878.

Disbursements in the corresponding period of 1877.			DISBURSEMENTS.	Budget Grants, April to Dec. 1878.			Total of Budget Grants under Major Heads.			Total Disbursements.			Total Disbursements under Major Heads.			REMARKS.
Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
			OFFICE.													
36,059	7	3	SALARIES	33,606	8	0				33,606	7	3				
			ESTABLISHMENT.													
6,197	4	4	GENERAL DEPARTMENT.	6,104	0	0				6,063	9	7				
20,456	13	6	REVENUE DEPARTMENT.	21,690	8	0				21,039	0	5				
20,594	12	4	SANITARY AND ENGINEERING DEPARTMENT.	21,818	8	0	83,219	8	0	21,775	1	3	82,484	2	6	
				49,613	0	0				48,877	11	3				
3,286	11	7	REGISTRATION OF BIRTHS AND DEATHS CONSERVANCY.				3,501	0	0	3,359	8	0	3,359	8	0	
1,18,706	13	4	Hire of Scavengers & Bullocks	1,03,374	4	0				98,369	5	10				
1,095	8	0	Hire of Carts	6,300	0	0				6,127	5	8				
...	...	...	Conveyance of Night Soil to Manally	4,822	0	0				4,489	8	8				
4,025	14	10	Digging Pits and covering Rubbish	3,789	0	0				3,289	5	0				
2,238	4	6	Cleaning Main Drains ...	3,200	0	0				1,534	11	9				
632	10	4	Sanding Latrines	1,000	0	0				589	3	6				
1,386	11	7	Killing Dogs...	1,500	0	0				1,196	6	0				
4,800	9	5	Maintenance of Sewage Farms	5,274	8	0				4,472	14	8				
...	...	...	Rent of Sewage Farms ...	2,631	0	0				...	...	...				
327	4	4	Burial and Burning Grounds.	534	0	0				530	15	10				
280	15	0	Rent of ground for a Parcherry	270	0	0				240	0	0				
855	0	0	General Market	759	0	0				759	0	0				
1,572	15	1	Slaughter Houses	1,732	8	0				1,668	2	3				
784	10	6	Fire Engines	1,610	0	0				2,202	1	6				
204	4	0	Clothing	500	0	0				421	8	0				
3,070	13	3	Contingent charges	5,000	0	0				4,663	15	8				
							1,42,296	4	0				1,30,554	8	4	
			PUBLIC WORKS.													
			New Works.													
2,906	4	9	Latrines and Urinals ...	2,390	0	0				1,857	2	9				
			Extension of Workshop ...	722	0	0				726	4	4				
			New Shed for Stores ...	340	0	0				...	...	..				
810	7	2	Dust Bins	2,700	0	0				929	10	3				
35	7	0	New Burial ground at Nungumbaukum	346	0	0				346	0	0				
			Do. do. Tondiarpett	385	0	0				384	8	0				
3,587	2	4	Drains...	3,615	0	0				2,231	1	11				
			New Farm at Royapoorum ...	1,000	0	0				1,236	1	0				
				11,498	0	0				7,710	14	3				
			Improvements.													
300	0	0	Parcherries	10,370	0	0				6,483	9	0				
			General Market	818	0	0				608	5	7				
			Ummen Covil Street... ...	370	0	0				252	12	1				
			Extension of Triplicane Sewage Farm	594	0	0				405	10	5				
			Pursewalkum Tank	584	0	0				...	...	...				
				12,736	0	0				7,750	5	1				
			Maintenance.													
175	10	5	Buildings { Slaughter Houses	1,100	0	0				96	13	11				
20	13	7	General Market.	500	0	0				...	...	...				
783	13	11	Latrines ...	2,200	0	0				1,612	0	11				
462	4	8	Office Premises...	400	0	0				155	11	10				
466	1	9	Dust Bins ...	200	0	0				89	5	3				
76	12	3	Toll Gates ..	100	0	0				...	...	...				
			Store Yard ...	683	0	0				...	...	...				
			Carried forward...	5,183	0	0	2,29,016	12	0	1,953	15	11	2,16,398	2	10	

STATEMENT OF RECEIPTS AND DISBURSEMENTS

Receipts in the corresponding period of 1877.			RECEIPTS.	Budget Estimates, April to Dec. 1878.			Total of Budget Estimates under Major Heads.			Total Receipts.			Total Receipts under Major Heads.			REMARKS.
Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
			Brought forward..	...	...	...	4,84,600	0	0	..	...	...	4,89,500	6	8	
			MISCELLANEOUS.													
...	...	...	Government contribution towards maintenance of Roads	15,058	0	0				15,058	0	0				
640	2	0	Rent of Market Stalls	7,000	0	0				6,285	6	6				
...	...	...	Fees for Slaughter-Houses	5,000	0	0				6,044	4	6				
159	8	8	Strand Rents... ...	2,500	0	0				1,971	8	1				
...	...	...	Rent of Cart Stands...	500	0	0				225	0	0				
			Fees for Licenses for dangerous and offensive Trades													
74	5	0	Permanent	4,000	0	0				5,737	12	6				
43	5	8	Temporary							770	1	8				
149	2	0	Proceeds of sale of Rubbish	2,000	0	0				3,489	8	0				
167	13	2	PEOPLE'S PARK. Proceeds of sale of Hay and Grass ...	1,186	0	0				995	7	11				
125	0	0	Tiger Collections ...	900	0	0				700	0	0				
16	0	6	Swimming Bath ..	90	0	0				139	1	0				
10	2	0	Miscellaneous ...	140	0	0				56	0	0				
52	4	2	Grazing & Avenues ...	1,516	0	0				1,319	8	4				
64	11	10	Sewage Farms ...	6,000	0	0				4,282	13	4				
531	9	10	Demand and Warrant Fees...	4,500	0	0				5,514	13	4				
243	4	0	Fines, Police ...	1,090	0	0				2,407	2	0				
50	11	0	Do on Contractors...	2,620	0	0				4,110	11	0				
27	6	4	Do. on Departments.	460	0	0				110	5	4				
142	7	9	Sale Proceeds of Lands, &c.	2,000	0	0				1,466	14	4				
...	...	...	Do. of old Stores.	720	0	0				713	6	6				
36	6	0	Rent of Model Parcherries	300	0	0				1,800	1	3	...	..	...	Includes Rs. 1,525 realized by sale of the buildings at Chintadrepettah.
88	10	9	Napier Park	2,500	0	0				2,641	1	5				
54	10	0	Water Supply...	2,000	0	0				2,021	15	10				
271	6	1	Other Items...	1,520	0	0				2,984	12	0				
...	...	...	Contract for Blood	1,400	0	0				900	0	0				
...	...	...	Compensation from Government for Latrines.	1,500	0	0				...	...	...				
...	...	...	Refund by Government for excess payments made on account of Hospitals and Dispensaries	10,782	0	0				10,781	11	5	82,527	1	3	
							77,282	0	0				5,72,027	7	11	
375	13	10	House Services and other Government and Private Works	...	...	...				5,779	10	1	5,779	10	1	
...	...	...	Workshops	...	...	...				36,723	15	11				
20	8	8	Stores	...	...	...				33,031	15	7				
...	...	...	Deposits	...	...	...				3,350	10	5				
3,670	10	10	... ...	...	...	...							73,106	9	11	
...	...	...	Imperial License Tax ...	...	...	...				44,360	0	0	44,360	0	0	
			Carried forward...	...	...	...	5,61,882	0	0	...	...	..	6,95,273	11	11	

FROM 1st APRIL TO 31st DECEMBER 1878.

Disbursements in the corresponding period of 1877.			DISBURSEMENTS.	Budget Grants April to Dec. 1878.			Total of Budget Grants under Major Heads.			Total Disbursements.			Total Disbursements under Major Heads.			REMARKS.
Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
			Brought forward...	.....	...	...	2,29,016	12	0	.....	..	...	2,16,398	2	10	
			PUBLIC WORKS.—(*Continued*).													
			Maintenance.—(Continued)	5,183	0	0				1,953	15	11				
75,917	6	6	Roads	1,10,000	0	0				1,00,449	14	5				
56,089	15	0	Drains... Screw Pile Drain	3,000	0	0				1,273	3	0				
3,294	1	4	Drains... Other Drains ..	2,000	0	0				1,847	4	1				
802	12	0	Fences...	2,404	0	0				193	9	0				
3,129	11	0	Avenues	3,000	0	0				2,812	2	7				
250	1	7	Band Stand	250	0	0				177	8	7				
1,732	10	2	Watering Roads	5,120	0	0				3,119	1	3				
				1,30,957	0	0				1,11,826	10	10				
			WATER WORKS.													
1,233	11	1	Maintenance of Delivery Channel	1,500	0	0				2,523	6	3				
1,430	6	7	Fountains ...	2,000	0	0				2,479	13	5				
977	1	3	Pipes	1,500	0	0				3,660	11	7				
315	11	9	Bungalows ...	500	0	0				...	...	...				
2,477	13	4	Extensions { New fountains	7,000	0	0				2,721	15	11				
			Extensions { Extension of Pipes							3,829	13	3				
98	7	0	Miscellaneous...	250	0	0				212	0	8				
				12,750	0	0				15,427	13	1				
			Tools and Plant.													
1,659	4	0	New Carts	1,600	0	0				...	...	...				
			Boats	2,052	0	0				2,054	13	9				
			Tools	1,000	0	0	1,72,593	0	0	1,481	0	9				
				4,652	0	0				3,535	14	6				
													1,46,251	9	9	
			OTHER WORKS.													
			Lighting.													
15,480	1	8	Maintenance	18,000	0	0				11,697	7	7				
579	13	10	Inspection	720	0	0				640	0	0				
			New Burners							1,828	14	0				
			Additional Lamps & Sundries	780	0	0	19,500	0	0	3,387	8	11				
													17,553	14	6	
			PUBLIC PARKS.													
7,608	11	4	People's Park...	11,158	0	0				11,456	14	7				
1,297	7	2	Napier Park	1,418	0	0	12,576	0	0	1,472	8	6				
													12,929	7	1	
			PAYMENTS TO GOVERNMENT.													
9,417	0	0	Hospitals and Dispensaries ...	29,736	12	0				225	0	0				Contribution to St. Thome Dispensary.
2,197	0	0	Contagious Diseases' Act ...	6,591	0	0				...	...	...				
57,121	3	6	Interest on Water Works Loan	...	...	...				*a* 52,190	1	1				*a* Made up as follows :— To 31st December 1877 .. 43,252-9-8
28,560	9	8	Sinking Fund for liquidation of the Water Works Loan	50,768	0	0				*a* 26,095	0	7	...	...	...	In part to 30th June 1878 .. 35,032-8-0
																Rs. 78,285-1-8
			For Red Hills Water ...	4,500	0	0				*b* 4,442	9	6				*b*. As follows :— For May, February and Mar. 1875.. .. 1,360-9-6
							91,595	12	0				82,952	13	2	In part for 1875-76. .. 3,082-0-0
			Carried forward...	...	...	...	5,25,281	8	0	...	...	...	4,76,035	13	4	Rs. 4,442-9-6

STATEMENT OF RECEIPTS AND DISBURSEMENTS

Receipts in the corresponding period of 1877.			RECEIPTS.	Budget Estimates April to Dec. 1878.			Total of Budget Estimates under Major Heads.			Total Receipts.			Total Receipts under Major Heads.			REMARKS.
Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
			Brought forward...	...	...	...	5,61,882	0	0	...	...	...	6,95,273	11	11	
				...	...	...	*5,61,882	0	0	...	...	...	6,95,273	11	11	
			Opening Balance...	...	...	...	4,714	15	6	...	...	...	4,714	15	6	
			Rupees...	...	...	...	5,66,596	15	6	...	...	...	6,99,988	11	5	

MUNICIPAL OFFICE,
Madras, 1*st January* 1879.

FROM 1ST APRIL TO 31ST DECEMBER 1878.

Disbursements in the corresponding period of 1877.			DISBURSEMENTS.	Budget Grants, April to Dec. 1878.			Total of Budget Grants under Major Heads.			Total Disbursements.			Total Disbursements under Major Heads.			REMARKS.
Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
			Brought forward...	.....	...	...	5,25,281	8	0	.....	...	...	4,76,085	13	4	
3	5	5	VACCINATION				4,252	8	0	3,703	15	5	3,703	15	5	
5,491	8	11	EDUCATIONAL GRANTS ..				10,000	0	0	4,226	11	0	4,226	11	0	
			CONTINGENT													
2,006	7	8	Stationery	2,600	0	0				2,293	13	2				
1,744	13	0	Printing charges	3,500	0	0				4,695	11	5				
741	9	0	Advertising charges... ...	1,125	0	0				1,174	8	0				
2,351	4	9	Law charges including Stamp Duty	2,250	0	0				2,316	13	4				
...	...	...	Insurance on Office Premises.	...	...	...				..	...	...				
241	4	5	Office Furniture	340	0	0				172	8	2				
1,241	4	0	Miscellaneous	1,000	0	0				1,252	6	7				
3,944	6	0	Famine Batta...	3,500	0	0	14,315	0	0	2,703	7	4	14,609	4	0	
1,732	10	8	PENSIONS AND GRATUITIES.				2,467	8	0	2,375	3	7	2,375	3	7	
			RESERVE				63,846	0	0	45,491	13	2	45,491	13	2	
			Refunded to Government the Grant on account of Restoration of Wells				10,000	0	0	10,000	0	0	10,000	0	0	
													5,56,492	12	6	
749	1	9	House Services and other Government and private works							11,990	13	0				
			Loss by a forged Currency Note							100	0	0	12,090	13	0	
6,996	0	2	Composition for Tolls ...							777	0	0				
148	14	0	Work Shops							35,915	1	2				
87,371	11	4	Stores							29,751	12	9				
			Deposit Account							1,493	6	2				
			Advances Recoverable ...							6,354	14	10	74,292	2	11	
			Imperial License Tax ...							6,272	9	5	6,272	9	5	
				...	...	...	6,30,162	8	0	...	...	...	6,49,148	5	10	
			Closing Balance...	...	...	...	...	...	...	...	...	...	50,840	5	7	
			Rupees...	...	...	..	6,30,162	8	0	...	...	...	6,99,988	11	5	

W. H. AXELBY,

Manager and Book-keeper.

L. R. BURROWS,

President of the Municipal Commission.

2. *Relating to payments made on account of Interest on Water-Works Loan and for Hospitals and Dispensaries.*

From L. R. BURROWS, Esq., President of the Municipal Commission, Madras, to the Acting Chief Secretary to Government, dated 14th November 1878, G. No. 463.

In accordance with verbal instructions delivered in Council on the 12th instant, I have the honor to annex a statement showing the payments made to Government since the 1st April up to date and the debts as they will stand due on the 31st December for Imperial and Provincial:—

PAYMENTS—IMPERIAL.

Head of Accounts.	Amount. RS.	A.	P.	How taken to Account by the Accountant-General.
Interest on Water-Works Loan...	28,835	1	1	For instalment due 1st of January 1878.
Sinking Fund	14,417	8	7	
Total ...	43,252	9	8	

PAYMENTS—PROVINCIAL.

Hospitals and Dispensaries ...	28,441	8	0	For contribution due from July 1877 to March 1878 inclusive.
Contagious Diseases Act ...	6,591	0	0	
For Red Hills Water	4,442	9	6	Paid to the Collector of Chingleput for arrears due for 1874-75, and part payment for arrears due 1875-76.
	39,475	1	6	
	82,727	11	2	

DEBTS AS THEY WILL STAND DUE 31ST DECEMBER 1878—IMPERIAL.

Head of Accounts.	Amount. RS.	A.	P.	When Payable and for what Period.
Interest on Water-Works Loan and Sinking Fund.	42,547	6	4	Payable 1st July 1878 for half year ending 30th June 1878.

DEBTS AS THEY WILL STAND DUE 31ST DECEMBER 1878—PROVINCIAL.

Hospitals and Dispensaries ...	29,511	12	0	For contribution due April 1878 to December 1878 inclusive.
Contagious Diseases Act ...	6,591	0	0	
Red Hills Water	8,903	14	2	1875-76 balance due.
	5,698	5	1	1876-77.
	2,304	1	1	1877-78.
	2,109	4	1	1878 April to July actuals.
	2,636	9	0	„ August to December estimates.
	21,652	1	5	
Bill for pumping	22,130	10	3	August 1876 to May 1877.
„ for dismantling pumps, &c.	1,082	14	0	
Total ...	80,968	5	8	

As we are pretty well abreast of our work in the Assessing and Collecting Department, I hope to be able to meet the instalment of Water-Works Loan falling due 1st January 1879 within the end of February, and that falling due 1st July on due date.

ORDER THEREON, 3rd December 1878, No. 2148.

From the papers recorded above it appears that as regards Imperial the position of the Municipal Commissioners is as follows:—They owe on account of interest and Sinking Fund appertaining to the Water-Works Loan Rupees 42,547-6-4, being the instalment due on the 30th June last, while their Budget provision for the year from 1st April to 31st December 1878 on account of payments to be made to Government under Imperial and Provincial has been all but exhausted. Out of the payments made from this provision Rupees 35,032½ have been credited by the Accountant-General on account of arrears due up to 31st March 1878 for contribution to Presidency Hospitals and Dispensaries and to the cost of working the Contagious Diseases Act.

2. His Grace the Governor in Council resolves to instruct the Accountant-General to re-adjust this payment to the credit of Imperial on account of the instalment for interest on loan, &c., due on 30th June last, and to request the Municipal Commissioners to arrange without fail to pay the balance, approximating Rupees 7,500, forthwith or with the least possible delay as being a first charge on their income which they are bound to discharge before incurring further expenditure.

3. The effect of this Order will be to raise the Municipal debt to Provincial on 31st December 1878 to Rupees 1,16,000, viz., Rupees 80,968 + 35,032, consisting of the following items:—

	RS.	
Hospitals and Dispensaries ...	57,953	(from July 1877 to Dec. 1878).
Contagious Diseases ...	13,128	(„ „).
Red Hills Water	21,652	(from Dec. 1875-76 to Dec. 1878) inclusive.
Cost of pumping ditto and dismantling pumps	23,213	(from Aug. 1876 to May 1877).

His Grace in Council resolves to allow the consideration of this debt to stand over until he has before him the Budget Estimates for 1879, prepared under the New Act.

4. A copy of these Proceedings will be communicated to the Government of India with reference to their letter read above.

(True Extract.)

H. B. GRIGG,

Acting Under-Secy. to Govt.

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3. *Report on Municipal Accounts for nine months ending 31st December* 1878.

We have the honor to state for the information of the Municipal Commissioners, that we have carefully examined the Municipal Accounts for the nine months ending December 31st, 1878, and have compared the expenditure shewn in the Cash Book with the vouchers in support of the charges.

2. The accounts (with the exception of one item referred to in the next paragraph) appear to us generally correct, except as regards the system on which they are kept. On this subject, however, it being obviously more useful to remark on the existing system of account, than on the system in force in the year 1878 in which some modifications have already been introduced, we have thought it better to reserve our remarks for our report on the accounts for the present year.

3. The item to which we refer is a charge of Rs. 1,941-2-5, finally charged off in Municipal Accounts as a debit to Municipal Fund and as a per contra credit to " Advances Recoverable, Junction Canal," representing the value of certain stores returned by the Presidency Engineer to the Municipality. The data on which the entry has been made appears to us as not above question, the more so as no valued or even numerical list of the articles said to have been returned appears available. But the amount, assuming that the data, on which the entry was made, to have been altogether correct, should have been debited to Stores and not written off the Municipal Accounts altogether. The amount should be written back to Stores in the accounts of the current year.

L. CONWAY-GORDON,
EDWARD J. FIRTH, } *Auditors.*

To

The President,
Municipal Commission,
Madras.

APPENDIX II.

GENERAL DEPARTMENT.

COMMISSION.

The Commission consisted of :—

1st Division.

THE HONORABLE J. G. COLEMAN, appointed 24th June 1878.
CAPTAIN D. HEMING, resigned 21st May 1878.
A. M. HOOPER, Esq., resigned 21st June 1878.
P. PONNOOSAWMY CHETTIAR, Esq.
N. RAMALINGA PILLAY, Esq.
DR. D. R. THOMPSON, appointed 24th May 1878.

2nd Division.

V. KRISTNAMA CHARIAR, Esq.
P. S. RAMASAWMY MUDALIYAR, Esq.
C. V. SESHACHELLA CHETTIAR, Esq.
Y. VENKATARAMIAH, Esq.

3rd Division.

COWASJEE EDULJEE, Esq.
C. KALIANASOONDRA CHETTIAR, Esq., resigned 24th May 1878.
P. SOMASOONDRA CHETTIAR, Esq.
P. VEJIARUNGA MUDALIYAR, Esq.
N. VENKATASOOBOO CHETTIAR, Esq.

4th Division.

CYRUS GRANT, Esq.
J. B. CARDOZO, Esq., resigned 25th November 1878.
E. THEROOVENGADA MUDALIYAR, Esq.
V. VENOOGOPALA CHARIAR, Esq., died 27th June 1878.

5th Division.

THE COMMISSIONER OF POLICE.
THE HONORABLE V. RAMIENGAR, C.S.I.
P. RUNGIAH NAIDOO, Esq.
CAPTAIN J. H. TAYLOR.

6th Division.

G. HAMNETT, Esq.
J. W. HANDLEY, Esq.
B. LOVERY, Esq.
J. P. NICHOLAS, Esq.

7th Division.

ABDOOL GHANI KHAN BAHADOOR, Esq.
MEER HOOSSAIN ALLY KHAN, Esq.
HONORARY SURGEON MOHIDEEN SHERIFF KHAN BAHADOOR.

8th Division.

F. S. EVANS, Esq., resigned 7th October 1878.
MAJOR C. C. SARGEAUNT, resigned 6th December 1878.
DR. H. STANDROUGH.

GENERAL DEPARTMENT.

EXECUTIVE OFFICERS.

Mr. Loch, the President, resigned his appointment from the 11th May 1878. Mr. Burrows, the Acting President, was confirmed in the office.

GENERAL MEETINGS.

Ten General Meetings were held during the year, of which two were Special.

SUB-COMMITTEES.

The Sub Committees were as follow :—

1st.—Appointed prior to 1st April 1878.

Water-supply	appointed	12th November 1867.
Educational Grants...	„	31st October 1871.
Drainage	„	14th November 1872.
Pension	„	30th April 1873.
Budget for 1878	„	19th December 1877.

2nd—Appointed after 1st April 1878.

Market	appointed	30th April 1878.
Budget for 1879	„	30th August 1878.

GENERAL DEPARTMENT.

MEETINGS.

The number of Meetings held and the attendance of the Commisssoners were as follow:—

Division.	Names.	General & Special (including Adjourned.)	Budget for 1878.	Budget for 1879.	Market.	Pension.	Water-supply.	Total.
	No. of Meetings held...	10	1	9	3	3	1	27
1st	The Honorable J. G. Coleman ...	6	...	9	...	...	...	15
	Captain D. Heming	1	...	...	...	...	...	1
	A. M. Hooper, Esq.	2	...	...	...	...	...	2
	P. Ponnoosawmy Chettiar, Esq. ...	4	...	...	...	...	...	4
	N. Ramalinga Pillay, Esq.	1	...	...	..	...	...	1
	Dr. D. R. Thompson	1	...	...	...	...	...	1
2nd	V. Kristnama Chariar, Esq.	6	...	8	2	1	...	17
	P. S. Ramasawmy Mudaliyar, Esq. ...	6	...	...	3	...	...	9
	C. V. Seshachella Chettiar, Esq. ...	1	...	...	...	...	...	1
	Y. Venkataramiah, Esq.	4	...	...	...	2	...	6
3rd	Cowasjee Eduljee, Esq.	8	...	...	...	...	...	8
	C. Kalianasoondra Chettiar, Esq. ...	...	...	...	...	...	...	...
	P. Somasoondra Chettiar, Esq. ...	6	...	...	1	1	...	8
	P. Vejiarunga Mudaliyar, Esq. ...	10	1	9	3	...	1	24
	N. Venkatasooboo Chettiar, Esq. ...	2	...	...	...	...	...	2
4th	J. B. Cardozo, Esq.	7	1	8	3	2	...	21
	Cyrus Grant, Esq.	9	...	...	...	...	...	9
	E. Theroovengada Mudaliyar, Esq. ...	10	...	...	...	3	...	13
	V. Venoogopala Chariar, Esq. ...	2	...	...	...	...	1	3
5th	The Commissioner of Police	3	...	...	3	...	...	6
	The Honorable V. Ramiengar, C. S. I. ...	1	...	...	...	...	...	1
	P. Rungiah Naidoo, Esq.	8	1	6	..	...	...	15
	Captain J. H. Taylor	7	...	...	3	...	...	10
6th	G. Hamnett, Esq....	2	...	...	...	...	...	2
	J. W. Handley, Esq.	1	...	...	...	...	...	1
	B. Lovery, Esq.	7	...	9	...	...	...	16
	J. P. Nicholas, Esq.	8	...	6	...	...	...	14
7th	Abdool Ghani Khan Bahadoor, Esq. ...	7	...	...	...	...	...	7
	Meer Hoossain Ally Khan, Esq. ...	2	...	1	2	...	...	5
	Honorary Surgeon Mohideen Sheriff Khan Bahadoor	8	...	...	...	...	...	8
8th	F. S. Evans, Esq....	...	...	...	...	...	...	...
	Major C. C. Sargeaunt	2	...	...	2	...	...	4
	Dr. H. Stanbrough	6	...	...	2	...	1	9

GENERAL DEPARTMENT.

The business of the General Department comprises the keeping of the Account of the Municipal Fund, the payment of the whole Municipal Establishment, the direct supervision of Vaccination and Registration, and the care of the Parks and Avenues, besides the correspondence and general supervision of the whole office.

The following is a concise abstract of the Receipts and Disbursements prepared in accordance with the form prescribed by the Government of India, for nine months ending 31st December 1878.

Receipts.	RS.	A.	P.	RS.	A.	P.
Balance	4,714	15	6			
Tax on Houses and Lands	3,42,669	10	8			
Licenses on Trade	85,428	6	10			
Taxes on Spring Carriages and Animals, and on Carts and other Vehicles without Springs	29,396	10	10			
Tolls	32,550	0	0			
Total Income from Taxation...	4,90,044	12	4			
Ground and other Rents	21,982	4	10			
Fines and Fees	12,142	15	8			
Miscellaneous	19,688	3	10			
Payments for Municipal services rendered to Individuals and Government—Water-supply, House-services	7,801	9	11			
Grants-in-Aid from Provincial Funds	15,058	0	0			
Refund from Government for excess payment on account of Hospitals, &c.	10,781	11	5			
Total Income of year excluding Balance	5,77,499	10	0			
Deposits	3,658	2	5			
Advances recovered	69,755	15	6			
Imperial License Tax	44,360	0	0			
Total including Balance...				6,99,988	11	5
Disbursements.						
Interest on Debt	52,190	1	1			
Head Office Establishment	82,484	2	6			
Conservancy and Cleaning	1,30,554	8	4			
Registration of Births and Deaths...	3,359	8	0			
Lighting	17,553	14	6			
Construction and Maintenance of Roads	1,00,449	14	5			
Watering Roads	3,119	1	3			
Drainage Works	5,351	9	0			
Water-supply	19,870	6	7			
Other Public Works, including gardens and Sanitary Improvements...	31,296	12	7			
Tools and Plant	3,585	14	6			
Sanitary and Charitable Establishments and Vaccination ...	3,928	15	5			
Education	4,226	11	0			
Miscellaneous	17,084	7	7			
Payments for Municipal services rendered to Individuals and Government	11,990	13	0			
Payment of Debt, (Sinking Fund)	26,095	0	7			
Payments for Arrears	45,491	13	2			
Refund to Government, the Grant on account of Restoration of Wells.	10,000	0	0			
Refunds of Deposits	2,270	6	2			
Advances	72,021	12	9			
Imperial License Tax	6,272	9	5	6,49,148	5	10
Balance at close of year, Rs...	...	...	...	50,840	5	7

The balance at the close of the year, Rs. 50,840-5-7 as shown in the above statement, is not really the Cash Balance of the Municipal Fund which had only Rs. 12,752-15-0 remaining at its credit, as follows:—

Balance as per statement...				Rs. 50,840	5	7
Deduct amount realized on behalf of Government on account of the Imperial License Tax... ...	Rs. 44,360	0	0			
Less charges thereon	„ 6,272	9	5			
				„ 38,087	6	7
Balance at credit of the Municipal Fund				Rs. 12,752	15	0

The total income from taxation for the period amounts to Rs. 4,90,044-12-4. The incidence of the same per head of population as calculated by the last census is Rs. 1-3-9.

GENERAL DEPARTMENT.

The Assets and Liabilities as shown in the Books on 31st December 1878, are as follow :—

List of Liabilities or Credit Balances.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
The Municipal Fund	...	...	...	...	...	...	...	...	...	2,92,728	6	5
Tolls on Carriages and Animals entering the City (composition)	...	...	...	...	...	...	...	...	...	307	8	0
Storekeeper	...	...	...	...	...	...	...	...	...	65	13	1
Government Grant towards Elementary Education	...	...	...	..	...	...	...	...	...	18,083	15	2
Deposits	...	...	...	...	...	...	...	...	...	1,985	0	0
Imperial License Tax	...	...	...	...	...	...	...	...	...	44,360	0	0
List of Assets or Debit Balances.												
Bank of Madras	...	...	...	...	...	...	50,840	5	7			
Standing Advances :—												
Manager, General Department	300	0	0									
Storekeeper	500	0	0									
Superintendent, People's Park	25	0	0									
				825	0	0						
Advances Recoverable :—												
Storekeeper	1,099	10	7									
Executive Engineer	1,105	0	0									
Superintendent, People's Park	300	0	0									
President	52	8	0									
Assessor	499	12	0									
Collector	475	0	0									
Inspector of Vaccination	200	0	0									
License Tax Department	10	0	0									
Chockalinga Pillay	2,500	0	0									
Ramasawmy Pillay and Veerasawmy Pillay	400	0	0									
A. Moonesawmy Moodelly...	698	14	3									
M. Chengulroya Naidoo	200	0	0									
Lighting Contractor	23	14	6									
V. S. Manicka Moodelly	13	0	0									
Mr. G. H. Smith	31	14	0									
Ragavah Charry	8	0	0									
Mr. A. Marooth	40	0	0									
Tramway Company...	2,482	15	5									
District Engineer, Presidency	739	8	0									
Harbour Works	654	2	8									
				11,534	3	5						
							12,359	3	5			
Sinking Fund for the Liquidation of the Water Works Loan	...	...	...	...	...	...	2,13,522	7	9			
Stores	...	...	...	...	...	...	46,640	4	1			
Workshop	...	...	...	...	...	...	5,198	4	5			
Office Premises	...	...	...	...	...	...	22,697	8	0			
Imperial License Tax	...	...	...	...	...	...	6,272	9	5			
							3,57,530	10	8	3,57,530	10	8

Liabilities.—A sum of Rs. 1,79,690-5-1 stood due to Government on the 31st December 1878 as particularized below :—

Balance of Interest on Water Works Loan due 30th June 1878	Rs.	7,514	14	4			
Interest do. 31st December 1878	,,	43,252	9	8			
					Rs.	50,767	8 0
Unpaid instalments on account of the following—							
Hospitals, from July 1877 to March 1878 ...	Rs.	28,441	8	0			
Do. from April to December 1878 ...	,,	29,511	12	0			
					,,	57,953	4 0
Contagious diseases, from July 1877 to March 1878	Rs.	6,591	0	0			
Do. from April to December 1878.	,,	6,591	0	0			
					,,	13,182	0 0
Arrears on account of Red Hills Water—							
Balance for 1875-76	Rs.	8,903	14	2			
Do. for 1876-77	,,	5,698	5	1			
Do. for 1877-78	,,	2,304	1	1			
Do. from April to December 1878 ...	,,	4,371	9	2			
					,,	21,277	13 6
Bills for pumping water at the Red Hills Tank ...	Rs.	22,130	10	3			
Bill for dismantling pump, &c.	,,	1,082	14	0			
					,,	23,213	8 3
Arrears of Quit Rent (claimed)					,,	13,296	3 4
					Rs.	1,79,690	5 1

Subsequently however, Government have been pleased (G. O. dated 18th January 1879, No. 82) to relieve the Municipality of the charges connected with the pumping of water at the Red Hills Tank amounting to Rs. 23,213-8-3 ; the liabilities therefore to Government including the amount claimed on account of Quit Rent will stand at Rs. 1,56,476-12-10 being in excess by Rs. 23,629-5-1 of the dues to Government at the close of the previous year. If Rs. 13,296-3-4 claimed by Government on account of Arrears of Quit Rent, and Rs. 13,182 due on account of the working of the Contagious Diseases Act and conditionally remitted by Government in G.O. dated 18th January 1879, No. 82, be deducted, the liabilities to Government will be Rs. 1,29,998-9-6 or Rs. 2,848-14-3 less than the amount due on the 31st of March. Besides the above dues, from a computation made as nearly as possible, a probable sum of about Rs. 40,000 will have to be disbursed on account of unpaid Bills due to Contractors and others under the following heads:—

	Budget Grants.	Expenditure.		Total.	Excess.	Saving.
		Disbursements to 31st December 1878.	Liabilities.			
	RS.	RS.	RS.	RS.	RS.	RS.
Establishment	83,220	82,484	651	83,135	...	85
Registration of Births and Deaths ...	3,501	3,360	141	3,501	...	...
Conservancy	1,42,296	1,30,555	8,996	1,39,551	...	2,745
Public Works	1,72,593	1,46,252	21,194	1,67,446	...	5,147
Lighting	19,500	17,554	3,122	20,676	1,176	...
Public Parks	12,576	12,929	...	12,929	353	...
Vaccination	4,253	3,704	...	3,704	...	549
Educational Grants	10,000	4,227	5,773	10,000	...	...
Contingent	14,315	14,609	...	14,609	294	...
Pensions and Gratuities	2,468	2,375	4	2,379	...	89
Total Rs...	4,64,722	4,18,049	39,881	4,57,930	1,823	8,615

Water Works Loan.—The following statement shows the amount paid to the Sinking Fund for the redemption of the above loan up to 31st December 1878.

Balance to 31st March 1878.		Receipts in 9 months ending 31st December 1878.		Total.		Payments.		Balance.		Remarks.
In Government Securities.	In Cash.	In Government Securities.	In Cash.	In Government Securities.	In Cash.	In Government Securities.	In Cash.	In Government Securities.	In Cash.	
RS.	RS. A. P.	RS.	RS. A. P.	RS.	RS. A. P.	RS.	RS. A. P.	RS.	RS. A. P.	
1,80,600	26 7 4	21,000	* 32,128 14 7	2,01,600	32,155 5 11	...	20,232 14 2	2,01,600	11,922 7 9	* Including interest realized on investments, viz., Rs. 6,083-14-0.

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The amount of the loan is Rs. 14,30,000 bearing interest at 4 per cent. per annum. An additional payment at the rate of 2 per cent. is made to a Sinking Fund for the extinction of the loan. By the above statement it will be seen that Rs. 2,13,522-7-9 have been in all paid to the said Fund. The large balance of uninvested cash Rs. 11,922-7-9 at the end of the year was unavoidable, as Rs. 11,677-8-0 of this sum forms a proportion of a transfer ordered by Government of a payment made on account of Hospitals and Dispensaries and on account of Contagious Diseases so late as the month of December.

The following statement shows the transactions under the head of Stores:—

Balance from previous year	Rs.	49,920	6	11
Cost of stores imported from England	„	17,761	0	10
Purchase of stores in local market	„	7,330	6	5
Stores issued and returned	„	4,660	5	6
...	„	79,672	3	8
Deduct Issues	„	33,031	15	7
Balance	„	46,640	4	1

Mr. Jones' Report on the Drainage of Black Town.—The Commissioners approved generally of Mr. Jones' proposals which were to construct three new underground sewers, one along the North Beach Road, one along Popham's Broadway, and one along Wall Tax Road, to convey the sewage northwards into a cross sewer running from west to east to a pumping station near the Beach. The street drains were to be open egg-shaped drains made of concrete and plastered with cement carrying both house drainage and rain water. The new sewers were intended merely to carry house drainage, means being provided for the escape of the excess water due to rain by other outlets. In submitting Mr. Jones' report for the favorable notice of Government the Commissioners requested that they might be favored at an early date with such orders on the drainage question as would set them free to take action.

Rules for Bathing Fountains.—Rules for regulating bathing at the public fountains were passed by the Commissioners. They are annexed to this Report.

Water-supply.—A scheme for extending the pipe system was drawn up by the Executive Engineer. It embraced the laying of 34 miles of pipes of the smaller bores, the erection of 185 fountains and stand-pipes, and the fixing of 165 valves and 800 hydrants. The estimated cost was Rs. 3,04,843-14-10. The scheme having been referred to the Water-supply Committee, they passed the following resolution :—

" That having regard to Sections 211 and 433 of the new Municipal Bill, it is incumbent on the Commissioners to take early steps for extending the pipes to all the populous parts of the town which are at present unsupplied with water. The Committee have examined the proposals made by the Executive Engineer and consider them generally satisfactory. As the Committee are given to understand that the preparation of working plans will necessitate an increase of establishment they resolve to recommend the Commissioners to adopt the scheme in its present form and to submit the same to Government, with a request for a further loan of three lakhs for getting the necessary material from England and carrying out the work. The Committee are of opinion that the Black Town and Royapooram Divisions should be first taken in hand."

This resolution having been adopted by the Commissioners a formal application for a loan of 3 lakhs of Rupees has been subsequently made. The final orders of Government have not yet been received.

New Market.—A Committee appointed by the Commissioners to consider and report upon the advisability of having a new market being of opinion that a new general market was urgently required, resolved to request Mr. Chisholm to furnish them with a rough plan of a market at an estimated cost not exceeding Rs. 1,50,000. Mr. Chisholm furnished plans which were generally approved of by the Committee. They accordingly resolved to recommend the Commissioners to apply to Government for a loan of Rupees 1,50,000, and proposed that the market should be erected on the esplanade between the Ordnance lines and the esplanade road. The recommendations of the Committee were adopted by a majority, and an application was accordingly made to Government for a loan. No final orders have as yet been passed on this application.

License Tax.—In accordance with the provisions of the License Act III of 1878 the Municipal Commissioners were called upon to furnish a list to the Collector showing the names and numbers of persons chargeable under the Act resident within the limits of the Madras Municipality, together with the class under which they were chargeable and the fees payable by them respectively. The lists were prepared by the Assessor and Collector with the assistance of his surbordinates and a staff of extra hands specially engaged for the work. The total number of persons assessed was 6,619 and the total amount Rs. 1,58,532. Judging, however, from the uncertain nature of the assessment, and from the analogy of the working of the Municipal Profession Tax it was estimated that only Rs. 70,000 would be collected within the 31st March 1879, after which no process for recovery was permissible under the Act. Some correspondence took place as to the amount of remuneration which should be given to Municipalities for the collection of the tax, the Commissioners being of opinion that 11 per cent. on the collections would be a fair rate. It was finally decided by Government that all Municipalities should be allowed temporarily to deduct 10 per cent. of the actual collections for their expenses subject to adjustment when final orders were passed. The Commissioners having regard to the state of the work in the Municipal Office were opposed to the employment of the Municipal staff for the collection of the tax and sanctioned the entertainment of a special establishment amounting to Rs. 950 per mensem, inclusive of Rs. 250 for the assessing and collecting officer. Mr. J. B. Cardozo, Municipal Commissioner for the 4th Division, was appointed to the latter post. In due course, the Collector sent a notice to the President under Section 25 of the License Act requiring the Commissioners to pay into his office a sum of Rs 1,42,679 calculated on the return furnished by the Assessor. A Special General Meeting of the Commissioners was held to consider this notice, and a resolution was adopted pointing out the injustice of the demand and requesting Government to relieve the Municipality of the duty of collecting the tax. The notice was allowed to fall through, and the Government informed the Commissioners "that it was their desire to show every consideration under the special circumstances of the year and that they have no intention in any case of requiring from them more than the adjusted demand after disposal of appeals and objections as provided in the Act." The amount collected up to the 31st December as shown by the Statement of Receipts and Disbursements was Rs. 44,360 and the cost of collection Rs. 6,272-9-5.

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Election Rules.—Preparatory to the introduction of the new Municipal Act the Commissioners framed election rules which subsequently received the sanction of Government. They are annexed to this Report.

Public Parks.—The People's Park was maintained in good order. The Zoological collection received a valuable addition, viz., 2 tigresses, 2 samburs, 1 wolf, 1 fox, 1 lemur, 1 entullus, 4 crocodiles, and 1 ostrich purchased with the special sanction of the Commissioners from Mr. Abraham of Bellary for Rs. 2,000, and 2 dingoes, and 2 kangaroos, the gift of the Municipality of Ballarat. Besides the above, the following animals were also presented:—

People's Park.

1 tiger presented by the Rajah of Wallur.
1 jungle cat „ Dr. Bidie.
1 common tree cat „ Dr. Bidie.
1 monkey „ W. P. Shaw, Esq.
1 striped hyæna „ E. J. Kitts, Esq.
1 mottled owl „ Comarasawmy Moodelly.

One cheetah cub was born 9th June 1878, and 2 spotted deer on 21st May and 14th June respectively.

A start was made by the Gymnasium Committee to form a gymnasium in the Park near the Vepery gate, the selected site having been enclosed with a wall and railing. The swimming bath continued in use throughout the 9 months, but was comparatively little used, the sum realized being only Rs. 139-1-0 which is insufficient to reimburse the Municipality for the cost of establishment and maintenance.

Boats and canoes maintained by a contractor in the large lake near the wild animal's enclosure afforded amusement to a large number of visitors.

A band played as usual twice a week at the band stand, the attendance on Saturdays being invariably numerous. The year is remarkable in the annals of the Park as being that in which the first Madras Fair was held. The fair was managed by a Committee of Municipal Commissioners and others and commenced on the 30th of December. The Park was decorated with flags, and arches ornamented with transparencies were erected at the entrances. Several booths were erected for shows and performances of various kinds and for the sale of refreshments and fancy articles. The regiments stationed in the Presidency lent their bands which contributed greatly to the enjoyment of pleasure-seekers. On the evening of the 1st of January a very fine display of fire-works was given by M. R. Ry. Cunniah Chetty Garu, to witness which it is calculated that not less than 20,000 persons visited the Park. The expenses which amounted to Rs. 2,650-15-10 were met by subscriptions and the sale of carriage tickets at the entrance gates.

The expenditure on the Park was slightly in excess of the Budget grant, being Rs. 11,456-14-7 against a grant of Rs. 11,158-0-0. On the other hand the estimated receipts were Rs. 2,316 as against Rs. 1,890, actual showing a loss of over Rs. 400. The net cost of the Park to the Municipal Fund was therefore Rs. 9,566. In this, however, is included Rs. 2,152 the cost of animals purchased from Mr. Abraham at Bellary including their carriage to Madras, and a new Howdah for the elephant, Rs. 104. These exceptional charges being deducted the net cost for the nine months is reduced to Rs. 7,310.

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In former years the net cost has been as follows:—

1875-76	Rs.	8,757
1876-77	„	9,223
1877-78	„	7,757
Total		25,737
Average ...		8,579
Do. for 9 months		6,434

The increased cost of the Park is due in the main to the loss of Rs. 400 in the receipts for hay and grass and Zoological collections and to the fact that a sum of Rs. 472 was spent in digging and laying out new grass beds. The complete failure of the north-east monsoon accounts for the falling off in the grass receipts: of the Zoological collections an instalment of Rs. 200 was paid by the contractor in March, and taken into last year's accounts. It is hoped that the grass beds which have been laid out will in future years considerably reduce the cost of this Park by increasing the income derivable therefrom. The following extract from the report of the Superintendent regarding a case of theft of grass deserves to be recorded:—

"In connection with this subject, I beg to state that having reason to believe that grass was being stolen, I concerted measures for apprehending the thieves, and succeeded on the night of the 22nd August in capturing some women in the act of cutting grass under the direction of Syed Hussain the elephant-keeper. This man was convicted of abetting theft but the Magistrate only inflicted a fine of Rupees 10 which, considering that the man was a Municipal servant employed in the Park and having as such great facilities for carrying on thefts of this kind, seemed a very inadequate punishment and scarcely sufficient for deterring other servants from following his example."

The following is a list of the Zoological collection in the Park on the 1st of January 1879.

No.	English Names.	Scientific Names.
2	Lions	*Felis Leo*
1	Lioness	
3	Tigers	*Felis Tigris*
2	Tigresses	
1	Leopard or Cheetah, male	*Felis pardus.*
1	do do female	
1	do do cub	
1	Black Panther	*Felis pardus* (*Niger.*)
1	Spotted do	*Felis pardus.*
3	Striped Hyænas	*Hyæna striata.*
2	Common Porcupines	*Hystrix leucura.*
2	Bears (Juggler)	*Ursus labiatus.*
1	Malay Bear	*Ursus Malayanus*
1	Rhinoceros	*Rhinoceros indicus.*
1	Elephant (Asiatic)	*Elephas indicus.*
24	Rabbits	*Lepus cuniculus.*
34	Common Cavy or Guinea Pigs	*Cavia Cobaya.*
2	Jungle Cats	*Felis chaus.*

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No.	English Names.	Scientific Names.
6	Common tree Cats	*Paradoxurus musanga.*
2	Civet Cats	*Viverra Malaccensis.*
1	Opossum	*Didelphis. Sp?*
13	White Rats	*Mus decumanus (Var albus.)*
14	Axis or Spotted Deer	*Axis macalatus.*
1	Rangoon Deer	*Rucervus Duvancelli.*
3	Samburs	*Rusa Aristotelis.*
1	Jackal	*Canis aureus.*
1	Ratel	*Mellivora Indica.*
1	Wild Boar	*Sus Indicus.*
1	Sacred Abyssinian Baboon	*Cynocephalus Hamadryas.*
3	Lion-like Monkey or Wanderoo...	*Inuus silenus.*
1	Indian Antelope	*Antilope bezoartica.*
3	Pig-tailed Monkeys	*Macacus nemestrinus.*
1	Ceylon Bonnet Monkey	*Macacus pileatus.*
16	Common Monkeys	*Macacus radiatus.*
1	Antelope	*Antilope. Sp?*
1	Starred Tortoise	*Testudo elegans.*
1	Fox	*Vulpes Bengalensis.*
1	Wolf	*Canis lupus.*
4	Crocodiles	*Crocodilus palustris.*
1	Entellus or Madras Langur	*Presbytis priamus.*
1	Lemur	*Loris gracilis.*
2	Storks	*Mycteria Australis.*
1	Ostrich	*Struthio camelus.*
2	Eagles	*Aquila. Sp?*
1	Adjutant	*Leptoptilos argala.*
2	Pelicans	*Pelecanus onocrotalus.*
3	Pea-Cocks	*Pavo cristatus.*
6	„ Hens	
4	Jungle Fowls	*Gallus Sonneratii.*
5	Black Swans	*Cygnus atratus.*
1	Guinea Fowl	*Numida neleagris.*
1	White-breasted Water Fowl	*Gallinula Phœnicura.*
12	Malta Pigeons	*Columba. Sp?*
35	Common Pigeons	*Columba intermedia.*
8	White-headed Pigeons	*Columba. Sp?*
1	Coucal	*Centropus rufipennis.*
2	Emu	*Dromains Novæ Hollandæ.*
2	Greater Sulphur-crested Cockatoos	*Cacatua Galerita*
1	Pacific Gull	*Larus. Sp?*
5	Brown-headed Gulls	*Xema brunnicephala.*
1	Heron Common	*Ardea cinerea.*
4	Koels	*Eudynamys orientalis.*
3	Patridges	*Ortygornis Ponticerianus.*
5	Doves	*Turtur. Sp?*
1	Sarus	*Grus antigone.*
2	Mottled Wood Owls...	*Syrnium ocellatum.*
2	Rose-headed Parakeets	*Palæornis rosa.*
1	Rose Hill do	*Platycercus eximius.*
2	Little Lorrikeets	*Trichoglossus pusillus.*
1	Bald-headed Vulture	*Otogyps calvus.*
7	Vackas or Night-herons	*Nycticorax griseus.*
1	Black Parrot	*Psittacius. Sp?*
2	Kangaroos	*Macropus. Sp?*
2	Wild Dogs	*Canis dingo*

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Statement of Receipts and Disbursements on account of the People's Park from 1st April to 31st December 1878.

Receipts.	Amount.			Disbursements.	Amount.		
	RS.	A.	P.		RS.	A.	P.
Proceeds of sale of hay and grass ..	995	7	11	Establishment	3,106	7	11
Tiger collections .. .. Rs. 900				Feeding bullocks of the Park	86	12	5
Deduct amount paid in advance in March 1878 .. .. „ 200	700	0	0	Carts, candles, &c., for the Band Stand on Band days	64	12	0
				Cutting and weeding	619	2	9
Swimming bath	139	1	0	Maintenance of Zoological Collection and Establishment	3,173	9	4
Miscellaneous	56	0	0	Swimming bath Establishment..	18	8	0
	1,890	8	11	IMPROVEMENTS.			
Met from the Municipal Funds	9,566	5	8	Repairing Wild animals' cages	344	4	3
				„ Masonry walls of railings round the Park	476	14	6
				„ Monkey boxes, deer's and wild boar's pens, crocodile cistern, &c.	17	5	0
				„ Pigeon's, cockatoo's, parakeet's cages, aviary, and rabbit shed	98	13	5
				„ Sergeant's Quarters	264	4	4
				„ Wooden rails round the Park	8	8	0
				„ Park Cart	42	6	5
				Making cots for the wild animals	85	6	9
				„ Howdah for the Elephant	103	10	8
				„ Road-watering Cart	66	3	1
				Kerosine Oil..	100	12	0
				Clothing to Constables and Peons	66	12	0
				Animals and Birds purchased	2,000	0	0
				Railway Fare for do.	114	12	0
				Railway Fare for the Superintendent and Keeper for bringing the animals, &c., from Bellary	37	2	0
				Ploughing and manuring..	472	1	7
				Sundries	88	6	2
Total Rupees..	11,456	14	7	Total Rupees..	11,456	14	7

Napier Park.

The Napier Park report is satisfactory. The formation of a new garden was commenced near the north gate of the Park, but not completed. Notwithstanding the unfavourable character of the season, the Park yielded a clear profit. From last year's report it appears that there were in stock at the end of the previous year about 22 tons 3 cwts. weight of hay: 41¾ tons of hay and 92½ tons of grass were sold during the nine months, and 25½ tons of hay remained in stock.

The cash receipts were Rs. 2,641, and the total disbursements Rs. 1,473 as follow:—

Establishment	Rs.	579	0	9
Working Picottahs, weedings, &c.	„	587	10	4
Rewards for pounding cattle trespassing in the Park	„	48	6	0
Manuring	„	114	13	6
Raising bunds and fixing drain tiles	„	44	15	0
„ sill of double picottah	„	38	0	3
Sundries	„	59	10	8
Total Rupees		1,472	8	6

There were 1,900 young trees in the nursery at the close of the year. The cattle found trespassing in the Park and impounded were as follow:—

10 Horses.
68 Cows and Bullocks.
63 Buffaloes
26 Asses.
53 Goats.

GENERAL DEPARTMENT.

Avenues.—The following statement shows the number, locality, and description of young trees planted in previous years and which having been watered and protected throughout the year remained in good condition at its close :—

Name of Road.	Number of Trees.	Description.
Popham's Esplanade Road	175	Large-leaf Banyan.
Evening Bazaar Road	120	do
China Bazaar Road	3	Peepul.
do do	171	Large-leaf Banyan.
Memorial Hall	32	do.
General Hospital Road	82	do.
Mount Road	481	do.
do do	12	Neem.
do do	31	Small-leaf Banyan.
Edward Elliott's Road	225	Large-leaf do.
do do	111	Small-leaf do.
Græme's Road	158	do do.
College Road	38	Large-leaf Banyan.
do do	16	Peepul.
do do	33	Tamarind.
Spur Tank Road	150	Peepul.
Pantheon Road	200	do.
Harris Road	164	do.
Monteith Road	85	do.
Marshall's Road	59	Neem.
Commander-in-Chief's Road	12	do.
Cooum Road	151	do.
do do	17	Acacia.
Pycroft's Road	84	Small-leaf Banyan.
Egmore High Road	11	Peepul.
Scotch Kirk Road	12	do.
Wallajah Road	35	Large-leaf Banyan.
Monegar Choultry	11	Neem.
do	21	Acacia.
Orphan Asylum Road	61	Neem.
do do	11	Large-leaf Banyan.
Whannel's Road	10	Neem.
do do	37	Large-leaf Banyan.
Benny's Road	4	Neem.
Club House Road	2	Peepul.
Napier Park	52	Tamarind.
Total ...	2,877	

In addition to the above trees which were growing at the end of the year, 80 trees withered in the above roads.

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The following shows the trees newly planted during the year in various roads.

Planted between August and December 1878.

Name of Locality.	Number of Trees.	Description.
Mount Road	1	Neem.
do. do.	11	Large-leaf Banyan.
do. do.	3	Peepul.
Edward Elliott's Road	20	Small-leaf Banyan.
Marshall's Road	12	Neem.
Wallajah Esplanade Road	22	Portio.
Harris' Road	2	Neem.
do do.	2	Peepul.
Whannel's Road	3	Neem.
Monteith Road	5	Peepul.
Pycroft's Road	2	Large-leaf Banyan.
Cooum Road	12	Neem.
Madavaram Road	46	do.
Nungumbaukum Road	59	Rain trees.
Wall Tax Road	50	Neem.
do. do.	50	Portio.
do. do.	52	Peepul.
Græme's Road	5	Small-leaf Banyan.
Bell's Road	6	Asoka.
Lying-in-Hospital Road	12	Neem.
Club House Road	11	Asoka.
Napier Park Road	37	Tamarind.
Total ...	423	

The total number of young trees under care at the end of the year was 3,290, which exceeded the previous year by 415.

415 Tree-fences of bamboo-thorns have been put up during the year against 413 last year.

The following represents the expenses incurred.

Inspector's Salary	Rs.	449	0	0
Watching Peons and Coolies.	„	2,022	15	8
Repairing water-carts.. ...	„	54	15	0
Fencing materials	„	155	10	0
Sundries	„	129	9	11
Total Rupees...		2,812	2	7

GENERAL DEPARTMENT.

Education.—Mr. P. Vejiarunga Mudaliyar, Deputy Inspector of Schools, reports as follows on Elementary Education maintained by the Municipality :—

"The staff of Inspecting Schoolmasters remained the same on the 31st December 1878 as on the 1st April. The names, salaries, and ranges of these officers are given below :—

Name.	Examination passed.	Salary including batta of Rs. 10.	Range.
		RS. A. P.	
M. Jaffer Hussain Sahib ...	Matriculation.	80 0 0	The whole of the Municipality.
A. V. Parasurama Aiyar ...	Do.	45 0 0	Black Town (1st, 2nd, 3rd, and 4th Divisions.)
M. A. Janakiram Aiyar. ...	Do.	45 0 0	Triplicane (5th, 6th, 7th, and 8th Divisions.)

"During the period under report the Municipality aided elementary schools for boys only. All grants on account of girls whether in purely girls' schools or in mixed ones were paid by Government; as also grants on account of Fourth Standard boys. The grants paid were on the "Payment for Results" system and in accordance with the terms of the new Rules passed by Government which came into force on the 1st April 1878. The principal difference between the old and new Rules consists in the schedules appended to them according to which the grants are calculated. I give both below :—

OLD SCHEDULE (B).

	Vernacular.						English or extra language			
	1	2	3	4	5		6	7	8	
	Reading.	Writing.	Arithmetic	Grammar.	Geography.	Total Rupees.	Reading.	Writing.	Grammar.	Total Rupees.
1st Standard	1	½	1	...	...	2½	...	...	...	...
2nd do.	1½	1	1½	...	...	4	...	...	...	...
3rd do.	2	1	2	1	½	6½	2	1	...	3
4th do.	3	1	3	1½	1½	10	3	1½	1½	6

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NEW SCHEDULE (C).

Standard.	Vernacular.						Alternative subjects.						Total.	Extra.
							English or extra language.			Vernacular.				Subject for girls.
	1	2	3	4	5	6	7	8	9	10	11	12		13
	Reading.	Writing.	Arithmetic.	Poetry.	Grammar.	Geography.	Reading.	Writing.	Grammar.	History.	Hygiene.	Agriculture.		Needle work.
	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.
I	0 8	0 6	0 10	0 3	...	...	...	...	...	...	...	...	1 11	0 10
II	0 10	0 10	1 0	0 6	...	...	...	...	...	...	...	...	2 10	1 0
III	0 14	0 10	1 6	0 8	0 10	0 6	1 6	0 10	...	2 0	...	...	6 6	1 6
IV	1 6	0 10	2 0	0 10	1 0	1 0	2 0	0 10	1 6	2 0	2 0	2 0	10 10	2 or 2-6-0

"It will be seen that the new schedule while reducing the total grant on account of each standard by one-third, has increased the number of subjects under each standard. For Mahomedan Schools, however, the old schedule has been allowed to continue to be applicable for a further period of 5 years in consideration of the still backward state of education among that class of people.

"During the nine months under report, the sum of Rupees 2,682-11-0 was paid by the Municipality in grants to elementary schools on the "Payment for Results" system, and the establishment of Inspecting Schoolmasters, contingencies, &c., cost Rs. 1,544—making a total of Rupees 4,226-11 spent by the Municipality on Education altogether. The amount budgeted for was Rupees 10,000. As schools, hitherto, used to be examined and grants paid to them according to the *official* year, it was found difficult to examine *all* the schools within the nine months which formed the year under report. Only 102 out of 147 schools could be examined in that period. The other 45 schools had to be examined after the year closed, and the grants paid to them will have to be credited to the Budget allotment for the current year. The severity of the new Rules for Results Grants, as also the reduction in the rates of grants themselves prevented schools from receiving from the Municipality as much aid as they used to do in former years. Generally they received during the period under report about one-half of the grants which they used to receive in previous years. These circumstances reduced considerably the Municipal expenditure on Education during the nine months ended on the 31st December last.

"As no returns were received from Municipal schools for the nine months ending the 31st December last, the usual statements cannot now be given for that period. In future years I intend to call for returns and statements to be compiled for *calendar* years, in addition to those for official years wanted for the information of the Educational Department."

GENERAL DEPARTMENT.

STATEMENT OF EDUCATIONAL GRANTS PAID TO THE SCHOOLS AIDED BY THE MUNICIPALITY DURING THE NINE MONTHS ENDING 31ST DECEMBER 1878.

Name of School.	Division.	Locality.	No. of Pupils examined.	Amount of Grant.
For 1877-78.				RS. A. P.
Narasingapooram Poor ...	7	Narasingapooram ...	16	39 8 0
For 1878-79.				
Andrew's A. ...	5	Periyamett ...	24	32 10 0
Anglo Vernacular Tope ...	,,	Vepery ...	43	24 0 0
Arimoothoo Naicker's S. ...	7	Chintadripett ...	12	13 2 0
Aroonachella Pillay's P. ...	5	Choolay ...	5	3 12 0
Aroonachelliah's M. ...	3	Thumboo Chetty Street ...	23	49 14 0
Athinarayaniah's V. ...	,,	Linga Chetty Street ...	31	15 13 0
Athisashiah's M. ...	2	Seven Wells Street ..	9	18 2 0
Bashiakarliah's C. ...	,,	Veerappen Street ...	20	50 14 0
Chettipettah Anglo Vernacular ...	,,	Mint Street ...	17	27 4 0
Church Mission Society ...	1	Casimode ...	12	20 5 0
,, ,, ...	,,	Meenatchiammenpett ...	18	41 2 0
,, ,, ...	,,	Royapooram ...	20	41 13 0
,, ,, ...	5	Poodoopett ...	19	29 10 0
,, ,, ...	7	Calimancherry ...	9	11 7 0
,, ,, ...	,,	Chintadripett ...	9	10 4 0
,, ,, ...	,,	Chintadripett Bazaar ...	24	47 4 0
,, ,, ...	8	Nallam Parcherry ...	12	15 10 0
,, ,, ...	,,	Royapett ...	17	19 5 0
,, ,, ...	,,	Teynampett ...	8	15 15 0
,, ,, ...	,,	Thousand Lights. ...	14	18 6 0
Darmalinga Chetty's P. ...	7	Triplicane ...	33	81 12 0
Egmore Anglo Vernacular ...	5	Egmore ...	10	27 5 0
Free Church Mission Poor Boys' ...	2	Portuguese Church Street...	32	85 6 0
Gangadhara Moodelly's T. ...	6	Nungumbaukam ...	21	33 8 0
Hindoo Union ...	2	Devaraja Moodelly Street...	43	141 4 0
Jeeyariah's R. ...	,,	Venoyaga Maistry Street ...	17	42 1 0
John Pereira's ...	,,	Jesson's Street ...	7	12 9 0
Kader Hoossain's Vernacular ...	4	Perambore ...	22	41 8 0
Kanakiah's P. ...	3	Pidari Covil Street ...	13	23 6 0
Kauklacharloo's P. S. ...	2	Govindappa Naick Street...	1	1 10 0
Keshava Moodelly's C. ...	7	Tiroovetaswarampett ...	30	50 4 0
Keshavooloo Naidoo's D. ...	,,	Chintadripett ...	54	99 11 0
Koomaraswamy Moodelly's M. C. ...	2	Jagannada Moodelly's Street	25	48 0 0
,, ...	,,	Moollah Street ...	43	68 2 0
Koomaraswamy Pillay's N. ...	,,	Mint Street ...	14	15 3 0
Kristniah's D. ...	7	Triplicane ...	35	66 14 0
Kristniah's P. ...	5	Pursewalkum ...	10	16 14 0
Madooraynayagam Pillay's T. ...	,,	Erungoondram ...	12	9 14 0
Manavaliah's N. ...	2	Govindappa Naick Street...	38	51 15 0
Mannajee Row's J. ...	7	Poodoopaukam ...	17	34 15 0
Mooneswamy Pillay's C. ...	2	Triply Street ...	35	31 11 0
Nadamooniah's S. ...	,,	Genl. Moothiah Moodelly's St	17	41 10 0
Narasiah's T. ...	,,	Seven Wells Street ...	8	13 9 0
Narasimhooloo Naidoo's C. ...	7	Chepauk ...	16	22 2 0
		Carried over...	915	1,607 1 0

GENERAL DEPARTMENT.

Name of School.	Division.	Locality.	No. of pupils examined.	Amount of Grant.		
				RS.	A.	P.
		Brought forward...	915	1,607	1	0
New Town Catholic Boys' ...	5	New Town ...	12	21	3	0
New Town Catholic Mixed ...	,,	,, ...	7	3	9	0
New Town Poor Boys', C. M. S. ...	,,	,, ...	15	27	9	0
Parthasarathy Chetty's E. ...	2	Narayana Moodelly Street..	24	38	6	0
Parthasarathy Pillay's M. ...	1	Jendrapett ...	8	7	8	0
Peroomal Rajoo's K. ...	2	Periyanna Moodelly Street..	16	21	14	0
Ponnooswamy Moodelly's T. ...	,,	Manangappen Street ...	9	8	0	0
Ragava Pillay's V. ...	3	Thumboo Chetty Street ...	17	14	9	0
Ragaviah's B. ...	,,	Maliappen Street ...	9	14	8	0
Ramanoojiah's P. T. ...	,,	Kambam Ramaswami Street	13	25	0	0
Ravaniah Naidoo's R. ...	,,	Gooroovappen Street ...	20	31	14	0
Royapettah Roman Catholic ...	8	Royapett ...	29	48	0	0
Rungiah's S. ...	3	Kappel Poloo Chetty Street.	19	44	14	0
Shaik Hoossain's Vernacular ...	4	Perambore ...	39	28	8	0
Sooba Row's P. ...	3	Pedari Covil Street ...	12	8	14	0
S. P. G. Mixed ...	6	Nungumbaukum ...	22	41	0	0
,, ...	8	St. Thomé ...	15	17	13	0
,, ...	,,	Sullivan's Garden ...	7	3	13	0
Srinivasachary's A. ...	7	Chintadripett ...	16	41	13	0
Srinivasooloo Chetty's N. ...	2	Veerappen Street ...	27	41	13	0
St. Antony's Boys ...	5	Poodoopett ...	16	50	7	0
St. Francis Xavier's Boys ...	3	Xavier Street ...	30	52	7	0
Syed Jaffer's ...	1	Washermanpett ...	31	6	8	0
Theroovengadiah's P. ...	5	Erungoondram ...	13	17	12	0
Theyogaroya Moodelly's K. ...	1	Jendrapett ...	19	36	9	0
Thondamandalam Anglo Vernacular..	2	Mint Street ...	76	166	4	0
Triplicane Primary ...	7	Triplicane ...	81	153	13	0
Veerasawmy Chetty's M. ...	2	Chembada Pilliar Covil St..	6	7	9	0
Vencatachary's V. ...	,,	Mint Street ...	14	19	3	0
Vencatasawmy Naicks's C. ...	5	Pursewalkum ...	34	74	10	0
		Total...	1,571	2,682	11	0

Vaccination.—There was no change during the year in the Vaccine Establishment which was maintained at a monthly cost of Rs. 278. The particulars of the sum expended are :—

	April to December 1878.			January to March 1878.			Total.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Establishment	2,501	5	11	1,169	11	3	3,671	1	2
Batta to mothers for children's Arm lymph	956	6	3	222	13	4	1,179	3	7
Contingent expenses and Stationery ...	246	3	3	...	...	...	246	3	3
Total...	3,703	15	5	1,392	8	7	5,096	8	0

GENERAL DEPARTMENT.

The following statement shows the operations of the Staff during the whole year:—

Under 1 year.

Months.	Total.		Total of Males and Females.	Result.		
	Males.	Females.		Success.	Unsuccess.	Unknown.
January	178	99	277	149	2	126
February	74	84	158	106	...	52
March	145	98	243	116	2	125
April	166	80	246	180	8	58
May	42	27	69	50	2	17
June	73	53	126	98	4	24
July	96	98	194	164	17	13
August	127	106	233	202	9	22
September	186	101	237	216	11	10
October	160	122	282	257	6	19
November	154	126	280	262	4	14
December	154	125	279	251	18	10
Total...	1,505	1,119	2,624	2,051	83	490

1 and under 6 years.

Months.	Total.		Total of Males and Females.	Result.		
	Males.	Females.		Success.	Unsuccess.	Unknown.
January	682	602	1,284	515	62	707
February	616	581	1,197	495	35	667
March	508	433	941	396	34	511
April	503	444	947	516	43	388
May	349	283	632	363	34	235
June	347	265	612	443	18	151
July	354	304	658	454	37	167
August	247	185	432	308	27	97
September	238	219	457	363	14	80
October	269	215	484	365	18	101
November	271	232	503	396	35	72
December	292	287	579	473	34	72
Total...	4,676	4,050	8,726	5,087	391	3,248

GENERAL DEPARTMENT.

6 years and above.

Months.	Total.		Total of Males and Females.	Result.		
	Males.	Females.		Success.	Unsuccess.	Unknown.
January ...	3,334	2,499	5,833	2,131	150	3,552
February ...	2,667	2,123	4,790	1,483	163	3,144
March ...	3,209	2,208	5,417	1,812	170	3,435
April ...	1,253	888	2,141	1,076	119	946
May ...	1,162	597	1,759	1,004	93	662
June ...	996	556	1,552	936	69	547
July ...	947	447	1,394	845	110	439
August ...	872	502	1,374	895	42	437
September ...	658	317	975	774	59	142
October ...	560	366	926	662	53	211
November ...	583	296	879	622	31	226
December ...	521	465	986	712	88	186
Total...	16,762	11,264	28,026	12,952	1,147	13,927

Total of all ages.

Months.	Total.		Total of Males and Females.	Result.		
	Males.	Females.		Success.	Unsuccess.	Unknown.
January ...	4,194	3,200	7,394	2,795	214	4,385
February ...	3,357	2,788	6,145	2,084	198	3,863
March ...	3,862	2,739	6,601	2,324	206	4,071
April ...	1,922	1,412	3,334	1,772	170	1,392
May ...	1,553	907	2,460	1,417	129	914
June ...	1,416	874	2,290	1,477	91	722
July ...	1,397	849	2,246	1,463	164	619
August ...	1,246	793	2,039	1,405	78	556
September ...	1,032	637	1,669	1,353	84	232
October ...	989	703	1,692	1,284	77	331
November ...	1,008	654	1,662	1,280	70	312
December ...	967	877	1,844	1,436	140	268
Total...	22,943	16,433	39,376	20,090	1,621	17,665

GENERAL DEPARTMENT.

A Summary of the whole is as follows:—

	Under 1 year.			Above 1 year.			Above 6 years and all.			Total.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Europeans and Eurasians ...	86	52	138	52	38	90	248	74	322	386	164	550
Mohamadans ...	115	75	190	513	386	899	1,029	488	1,517	1,657	949	2,606
Hindoos ...	1,304	992	2,296	4,111	3,626	7,737	15,485	10,702	26,187	20,900	15,320	36,220
Total ...	1,505	1,119	2,624	4,676	4,050	8,726	16,762	11,264	28,026	22,943	16,433	39,376
Successful ...	2,051			5,087			12,952			20,090		
Unsuccessful...	83			391			1,147			1,621		
Unknown ...	490			3,248			13,927			17,665		

Of the foregoing, 1,316 were re-vaccinated resulting in 428 successful, 104 unsuccessful and 784 unknown.

It is satisfactory to note an improvement in the results, somewhat more than half the number being returned as "successful," or 20,099 out of 39,376.

The Ratio of the results to the number vaccinated under each class of ages is as follows:

	Under 1 year.	From one to under 6 years.	From 6 years & above.	Ratio.			
				Under 1 year.	From 1 to under 6 years.	From 6 years & above.	Total.
Successful	2,051	5,087	12,952	78·17	58·30	46·22	51·02
Unsuccessful	83	391	1,147	3·16	4·48	4·09	4·12
Unknown	490	3,248	13,927	18·67	37·22	49·69	44·86
Total..	2,624	8,726	28,026				

These operations were as follows among the several classes:—

	Males.	Females.	Total.
Europeans and Eurasians	386	164	550
Mahomedans	1,657	950	2,607
Hindoos..	20,900	15,319	36,219
Total...	22,943	16,433	39,376

MUNICIPAL OFFICE,
29*th August* 1879.

L. R. BURROWS,
President.

GENERAL DEPARTMENT.

RULES FOR REGULATING BATHING AT PUBLIC FOUNTAINS.

1. This fountain will be open for bathing purposes from 6 to 11 A.M., and 4 to 6 P.M.

2. No person carrying any clothes besides those which form his ordinary dress will be allowed to enter the bathing enclosure.

3. No person whose body is in a loathsome state either from dirt or disease will be allowed to enter the enclosure.

4. No person will be allowed to occupy a tap more than five minutes if others are waiting to use it. If after being warned by the peon in charge, such person omits or refuses to make way for others, he will be ejected from the enclosure.

5. No person will be admitted into the enclosure in excess of the number fixed by the President, as that which it is capable of accommodating.

6. Whoever uses any obscene language, or intentionally commits any act of indecency, or is disorderly in his conduct will be ejected from the enclosure.

7. No person whose body is smeared with oil or other unguents will be allowed to bathe at any taps except those specially set apart for that purpose.

ELECTION RULES, 1879.

Under the provisions of Section 11 of Madras Act V of 1878, His Grace the Governor in Council is pleased to approve of the following rules for the conduct of Elections in the Madras Municipality:—

Rule 1.—The first election of Municipal Commissioners shall be held on the 29th April 1879, and all subsequent elections on such dates as shall, from time to time, be notified in the *Fort St. George Gazette.*

Rule 2.—One Commissioner shall be elected for each of the eight Municipal Divisions in accordance with the requirements of Section 14 of the Municipal Act, and the remaining eight Elective Commissioners shall be elected for the several Divisions in accordance with the orders of Government from time to time notified in the *Fort St. George Gazette.*

Rule 3.—No person shall be qualified to vote at an election or to be elected as a Commissioner unless his name shall have been inserted in the lists prepared by the President, under Section 19 of the Act.

Rule 4.—The election shall be held at the places hereinafter appointed for the respective Divisions; that is to say:—

First Division.—Police Station, Coombal Amman Covil Street.
Second „ —} Municipal Office.
Third „ —}
Fourth „ —Police Station, Gantz Road.
Fifth „ —Police Commissioner's Office.
Sixth „ —College Hall.
Seventh „ —Deputy Collector's Office, Mount Road.
Eighth „ —Office of the Inspector-General of Police.

Rule 5.—The President of the Municipal Commission shall appoint one or more polling officers to preside at each station, and shall pay them reasonable compensation for their services.

Rule 6.—Each polling officer shall be supplied by the President of the Municipal Commission with a list or lists of voters for the Division or Divisions for which such polling officer is appointed to take votes, and also with a list of the persons qualified to be elected as Municipal Commissioners. A copy of the latter shall also be exhibited in a conspicuous position at the polling station.

Rule 7.—Voting papers in the form appended shall be prepared by the President of the Municipal Commission and furnished by him free of charge to the voters on application; and all persons desiring to vote must make use of such voting papers and conform precisely to the directions for the use thereof.

Rule 8.—Voters entitled to vote in any Division shall have as many votes as there are Commissioners to be elected for such Division and may give all their votes to one person provided a separate voting paper shall be used for each vote given.

Rule 9.—Polling officers shall make a mark on the list of voters against the name of each person placing voting papers in the ballot-box and shall add the number of voting papers so placed by each such person. They shall exercise every reasonable precaution, consistent with the maintenance of the secrecy of voting, for the prevention of more than the authorized number of papers being placed in the ballot-box by each voter.

Rule 10.—On the day fixed for the election the polling shall commence at 6 A.M. and shall close at 6 P.M. precisely. Each voter shall present himself to the polling officers, and after stating that it is his intention to vote, shall answer any questions put to him by such officers, and then provided no objections are admitted against him place his voting paper or papers in the ballot-box. The polling officer shall at the close of the poll send the ballot-box duly sealed and secured to the President of the Municipal Commission.

Rule 11.—At the polling no objection to any intending voter shall be admitted, except on the following three grounds:—

1*st*.—That his name is not on the list of voters of the Division, in respect of which the election is being held.

2*nd*.—That he is not the person intended under the name which appears on such list.

3*rd*.—That he has already voted.

Rule 12.—On being satisfied that there are reasonable grounds for any of the above objections polling officers shall prevent such intending voter from placing his voting paper in the ballot-box, shall record his name and address, the objection admitted against him, and the grounds of such objection, and shall direct him to appear before the President of the Municipal Commission within three days from the day of the election; and the decision of the President made after due inquiries shall be final.

Rule 13.—The polling officer shall, at the close of the day, transmit to the President of the Municipal Commission a list of the objections to voters admitted by him during the day; and the President of the Municipal Commission shall, after hearing and deciding upon all such objections, make lists of the votes given in each Division, and shall record the same in his office, and shall within ten days after the election publish in the Government Gazette and at his office the names of the candidates for each Division and the number of votes given for them respectively,

GENERAL DEPARTMENT.

And the candidates for whom the greatest number of votes shall have been given in each Division shall, in the proportion assigned to the respective Divisions, be deemed to have been elected Municipal Commissioners for the said Divisions accordingly, subject to the provisions contained in Section 13 of the Madras Municipal Act of 1878.

VOTING PAPER.

FRONT.

Madras Municipal Election, 1879.

1. Name of person voted for.
2. Number of person on the list.

BACK.

Directions.

1. In order to avoid ambiguity enter the name of the person for whom you intend to vote precisely as it is given in the list published by the Municipality which can be seen at the voting station on the day of the election, and copies of which can be obtained on application at the Municipal Office.

2. The addition of the number of the person intended to be voted for is merely allowed for the purpose of giving greater certainty to the vote. It is not compulsory. If, however, you add the number be careful to enter it correctly, as any discrepancy between the name and the number will invalidate the vote.

3. In filling up this paper, do not affix signature, date, or any word or mark whatsoever beyond the name and number of the person intended to be voted for.

Under Section 14 of the same Act, His Grace the Governor in Council prescribes the following distribution of the elected Commissioners among the several Divisions :—

Division.	Nominated.	Elected.		Total.
		Under Section 14.	Under Government Notification.	
I ...	2	1	1	4
II ...	2	1	2	5
III ...	2	1	2	5
IV ...	2	1	None.	3
V ...	2	1	1	4
VI ...	2	1	1	4
VII ...	2	1	1	4
VIII ...	2	1	None.	3
Total...	16	8	8	32

(By order of His Grace the Governor in Council,)

C. G. MASTER,

Acting Chief Secretary.

APPENDIX III.

REVENUE DEPARTMENT.

R. No. 505.

REVENUE DEPARTMENT,
MUNICIPAL OFFICE,
MADRAS, 21*st June* 1879.

From

P. RAMASAWMY CHETTY,
Vice-President, Municipal Commission,

To

L. R. BURROWS, ESQ.,
President, Municipal Commission, Madras.

SIR,

I have the honor to lay before you a report of the administration of this department for the nine months ending the 31st of December last, on which date Madras Act IX of 1867, under which the affairs of this Municipality were till then managed, came to an end by the repeal thereof by the City of Madras Municipal Act V of 1878, which has since taken its place.

2. There was scarcely any change worth noticing in the system established, or the machinery provided, for the working of the several taxes and rates; and I trust that the results hereinafter detailed will merit your approbation and speak for the energy and zeal with which this department discharged its onerous and unrivalled duties, notwithstanding the disadvantages under which it was placed by reason of insufficient hands.

Tax on Carriages on Springs and Animals under Sections 36 to 43.

3. This tax, being leviable for half-years ending 30th April and 31st October and accruing due in advance on 30th June and 31st December, I estimated the current demand at Rs. 40,000, at the rate of Rs. 20,000 for each half-year, besides Rs. 2,000 for arrears which had accrued prior to the 1st of April 1878, and anticipated a collection of Rs. 25,000 during the nine months ending the 31st of December 1878. This would have been feasible under ordinary cirumstances as the result of the operations of the corresponding period of the three previous years shew that Rs. 27,000 were collected in 1875, Rs. 29,000 in 1876 and Rs. 27,000 in 1877, such sums comprising Rs. 7,200, Rs. 7,800 and Rs. 7,600, respectively, for the last two months of the period, viz., November and December. But, as Act V of 1878, which came into operation on the 1st of January last, imposed a similar tax for the half-year commencing from that date, and as the levy of the tax under the repealed Act for the half-year ending the 30th of April 1879 would, in fact, double the liability of tax-payers for a period of four months, commencing January and ending April 1879, and thus work a hardship upon them, and Government having consequently, upon the recommendation of the Commissioners, sanctioned the waiving of their claim for November and December 1878, it would, perhaps, be more convenient to sever from the Budget the demand for the half-year ending the 30th of April 1879, so included in it as aforesaid, which would reduce the amount to Rs. 20,000 for current demand, and Rs. 2,000 for arrears, making an aggregate of Rs. 22,000.

APPENDIX III.

REVENUE DEPARTMENT.

4. The demand assessed for the half-year ending the 31st of October 1873 consisted of the carriages and animals arranged divisionwarri in the following table, the persons believed to be liable numbering 3,611.

Division.	4-wheeled carriages drawn by 2 horses.	Amount.		4 wheeled carriages drawn by 1 horse or a pair of ponies.	Amount.		2-wheeled carriages drawn by 1 horse or a pair of bullocks.	Amount.		Horses over 13 hands.	Amount.		Horses under 13 hands.	Amount.		Elephants.	Amount.		Camels.	Amount.		Horses under 11 hands.	Amount.		Bulls or Bullocks.	Amount.		Male Buffaloes.	Amount.		Asses.	Amount.		Dogs.	Amount.		Number of persons charged.	Total Amount.	
		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.			Rs.	A.
1	9	81	0	123	553	8	141	423	0	140	630	0	121	181	8	8	12	0	..	..	..	16	8	0	430	215	0	5	2	8	6	1	8	87	43	8	467	2,139	8
2	10	90	0	170	765	0	187	561	0	98	441	0	177	265	8	8	12	0	..	..	..	26	13	0	420	210	0	..	..	..	..	..	..	17	8	8	481	2,354	0
3	12	108	0	255	1,147	8	161	483	0	192	864	0	186	279	0	0	..	..	..	..	..	26	13	0	291	145	8	..	..	..	..	..	..	19	9	8	492	3,049	8
4	..	..	..	37	166	8	29	87	0	27	121	8	32	48	0	0	..	..	..	..	..	12	6	0	108	54	0	1	1	8	5	1	4	35	17	8	128	502	4
5	32	288	0	327	1,471	8	139	417	0	304	1,368	0	156	234	0	0	..	..	..	..	..	24	12	0	360	180	0	3	1	8	1	0	4	218	109	0	620	4,081	4
6	74	666	0	228	1,026	0	50	150	0	339	1,525	8	95	142	8	8	18	6	8	..	..	18	6	8	200	100	0	..	..	..	9	2	4	105	52	8	333	3,671	4
7	24	216	0	151	679	8	325	975	0	225	1,012	8	291	436	8	1	12	0	..	..	..	35	17	8	487	243	8	..	..	..	17	4	4	29	14	8	701	3,611	4
8	36	324	0	143	643	8	192	396	0	152	684	0	107	160	8	8	..	..	..	..	..	39	19	8	277	138	8	..	..	..	2	0	8	59	29	8	389	2,306	0
Total..	197	1,778	0	1,434	6,453	0	1,164	3,492	0	1,477	6,646	8	1,165	1,747	8	1	12	0	..	..	..	191	95	8	2,573	1,286	8	9	4	8	40	10	0	569	284	8	3,611	21,805	10

APPENDIX III.

REVENUE DEPARTMENT.

Such demand compares favorably with the average of the assessments for the corresponding period of the three years preceding as shewn below :—

Period.	4-wheeled carriages drawn by 2 horses.	Amount.		4-wheeled carriages drawn by 1 horse.	Amount.		2-wheeled carriages drawn by 1 horse or a pair of bullocks.	Amount.		Horses over 13 hands.	Amount.		Horses under 13 hands.	Amount.		Elephants.	Amount.		Camels.	Amount.		Horses under 11 hands.	Amount.		Bulls or Bullocks.	Amount.		Male Buffaloes.	Amount.		Asses.	Amount.		Dogs.	Amount.		Total Amount.	
		RS.	A.		RS.	A.		RS.	A.		RS.	A.		RS.	A.		RS.	A.		RS.	A.		RS.	A.		RS.	A.		RS.	A.		RS.	A.		RS.	A.		RS.	A.
Half-year ending 31st October 1875 ..	171	1,539	0	1,359	6,115	8	975	2,925	0	1,297	5,836	8	1,088	1,632	0	..	..	..	..	..	..	82	41	0	2,061	1,030	8	34	17	0	15	3	12	411	205	8	19,345	12
Do. 31st October 1876..	214	1,926	0	1,408	6,313	8	1,195	3,585	0	1,471	6,619	8	1,150	1,725	0	1	12	0	..	..	..	236	118	0	3,310	1,655	0	30	15	0	60	15	0	664	332	0	22,316	0
Do. 31st October 1877 ..	193	1,737	0	1,398	6,291	0	1,054	3,162	0	1,413	6,358	8	1,019	1,528	8	1	12	0	..	..	..	200	100	0	2,711	1,355	8	9	4	8	50	12	8	514	257	0	20,818	8
Total..	578	5,202	0	4,160	18,720	0	3,224	9,672	0	4,181	18,814	8	3,257	4,885	8	2	24	0	..	..	..	518	259	0	8,082	4,041	0	73	36	8	125	31	4	1,589	794	8	62,480	4
Average..	193	1,734	0	1,387	6,240	8	1,075	3,224	0	1,394	6,271	8	1,086	1,628	8	1	8	0	..	..	..	173	86	5	2,694	1,347	0	24	12	3	42	10	7	530	264	13	20,826	12
Half-year ending 31st October 1878 ..	197	1,773	0	1,434	6,453	0	1,164	3,492	0	1,477	6,646	8	1,165	1,747	8	1	12	0	..	...	..	191	95	8	2,573	1,286	8	9	4	8	40	10	0	569	284	8	21,805	0
Increase..	4	39	0	47	213	0	89	268	0	83	375	0	79	119	0	..	4	0	..	..	..	18	9	3	..	..	..	..	..	..	..	..	..	39	19	11	1,046	14
Decrease..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	121	60	8	15	7	11	2	0	7	..	..	..	68	10

REVENUE DEPARTMENT.

5. Against the demand shewn by the first of the above tables of Rs. 21,805-0-0 have to be set off the following items, viz. :—

For non-liability.....	Rs.	503	0	0		
And for disappearance of persons assessed	„	1,804	12	0		
					2,307	12	0
Shewing a net sum of.....	Rs.	19,497	4	0		

The remissions during the three previous years varied according to circumstances, and that above allowed is not much above their average as will appear hereafter.

Remission for half-year ending 31st October 1875...	Rs.	2,484	0	0
Do. „ „ 1876...	„	1,462	4	0
Do. „ „ 1877...	„	2,698	4	0
Total ...	Rs...	6,644	8	0
Average ...	Rs...	2,214	13	0
Remission for half-year ending 31st October 1878...	Rs...	2,307	12	0
Excess...	Rs...	92	15	0

6. Of the net demand, a sum of Rs. 19,185-4-0 was collected, leaving some of the obstinate cases representing an outstanding of about Rs. 300 for the following year. Such sum represents the carriages and animals hereunder specified, viz. :—

Description.	No.	Amount.	
		RS.	A.
Four-wheeled carriages on springs drawn by 2 horses ...	170	1,530	0
Do. do. do. 1 horse ...	1,329	5,980	8
Two-wheeled do. do. a horse, mule, &c.	999	2,997	0
Horses over 13 hands	1,259	5,665	8
Do. under 13 hands	972	1,458	0
Elephant	1	12	0
Horses under 11 hands	207	103	8
Bulls or Bullocks	2,347	1,173	8
Male Buffaloes	6	3	0
Asses	37	9	4
Dogs	506	253	0
Total...	...	19,185	4

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which is compared with the corresponding period of the 3 preceding years in the following table, viz:—

Period.	4-wheeled carriages drawn by 2 horses.			4-wheeled carriages drawn by 1 horse.			2-wheeled carriages drawn by a horse, mule, or bull.			Horses over 13 hands.			Horses under 13 hands.			Elephants.			Camels.			Horses under 11 hands.			Bulls or Bullocks.			Male Buffaloes.			Asses.			Dogs.			Total.	
	No.	RS.	A.	No.	RS.	A.	No.	RS.	A.	No.	RS.	A.	No.	RS.	A.	No	RS	A.	No	RS	A.	No.	RS.	A.	No.	RS.	A.	No	RS	A.	No.	RS	A.	No.	RS.	A.	RS.	A.
For half-year ending 31st October 1875.. ...	117	1,053	0	1,114	5,013	0	817	2,451	0	1,076	4,842	0	819	1,228	8	1	12	0	...	...	...	138	69	0	2,330	1,165	0	4	2	0	18	4	8	495	247	8	16,087	8
Collections of a miscellaneous nature... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	409	4
Total...	117	1,053	0	1,114	5,013	0	817	2,451	0	1,076	4,842	0	819	1,228	8	1	12	0	...	...	...	138	69	0	2,330	1,165	0	4	2	0	18	4	8	495	247	8	16,496	12
For half-year ending 31st October 1876... ...	214	1,926	0	1,313	5,908	8	1,105	3,315	0	1,382	6,219	0	1,070	1,605	0	1	12	0	...	...	...	228	114	0	3,159	1,579	8	28	14	0	51	12	12	618	309	0	21,014	12
For half-year ending 31st October 1877 ...	168	1,512	0	1,226	5,517	0	877	2,631	0	1,184	5,328	0	835	1,252	8	1	12	0	...	...	..	193	96	8	2,356	1,178	0	6	3	0	47	11	12	432	216	0	17,757	12
Total...	499	4,491	0	3,658	16,438	8	2,799	8,397	0	3,642	16,389	0	2,724	4,086	0	3	36	0	...	...	...	559	279	8	7,845	3,922	8	38	19	0	116	29	0	1,545	772	8	55,269	4
Average...	166	1,497	0	1,218	5,479	8	933	2,799	0	1,214	5,463	0	908	1,362	0	1	12	0	...	...	...	186	93	3	2,615	1,307	8	13	6	5	39	9	11	515	257	8	18,423	1
For half-year ending 31st October 1878.. ...	170	1,530	0	1,329	5,980	8	999	2,997	0	1,259	5,665	8	972	1,458	0	1	12	0	...	...	...	207	103	8	2,347	1,173	3	6	3	0	37	9	4	506	253	0	19,185	4
Increase...	4	33	0	111	501	0	66	198	0	45	202	8	64	96	0	...	...	...	...	...	...	21	10	5	...	...	...	...	...	...	...	...	...	...	...	...	1,040	13
Decrease...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	268	134	0	7	3	5	2	0	7	9	4	8	142	4

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The temporary relief afforded by the waiving of the tax for November and December 1878, gave the department an opportunity of working out all former arrears, and would have enabled it to shew a cleaner Balance-sheet had it not been for the indisposition of the Chief Inspector and Head Clerk, which kept him confined to the General Hospital and out of his work for several weeks. The arrears collection consists of—

Rs.	9	0	0	for half-year ending	31st October 1875
„	9	0	0	do	30th April 1876
„	9	0	0	do	31st October 1876
„	18	8	0	do	30th April 1877
„	67	8	0	do	31st October 1877
„	1,832	0	0	do	30th April 1878

amounting together to Rs. 1,945-0-0 which, with Rs. 19,185-4-0 got in on account of the current demand, makes an aggregate of Rs. 21,130-4-0. This, compared with the corresponding collections of three previous years, is in excess of the average by over Rs. 300, as will be seen below :—

1875	Rs.	20,371	0	0
1876	„	22,448	0	0
1877	„	19,654	0	0
Total	Rs.	62,473	0	0
Average	Rs.	20,824	0	0
1878	„	21,130	0	0
Excess	Rs.	306	0	0

7. The working of this tax involved 1,132 summons under Section 238, and 374 Magisterial prosecutions under Sections 238 and 39 of the Act, to which latter have to be added the 106 cases outstanding at the end of the previous official year, making a total of Rs. 480. Of these, 245 cases were compromised out of Court, and in 52 cases the defaulters were tried and convicted and fined (independent of taxes) Rs. 57-12-0, which has been carried to the account of Police Fines. The remaining 183 stand over.

8. In this connection, I have to add that the late Registering Clerk was dismissed for strong suspicion of mal-practice whilst acting for the Head Clerk and Chief Inspector during his illness.

Fees for registration of Carts and other Vehicles without springs under Sections 45 to 47.

9. During the period under report, a sum of Rs 8,266-6-10 as against Rs. 8,200 budgetted, was realized as follows, viz :—

Rs.	9	6	10	on registration of 5 Carts	for the half-year ending		31st Dec. 1877.
„	878	0	0	do	of 439	do	30th June 1878.
„	7,348	0	0	do	of 3,674	do	31st Dec. 1878.
„	8,235	6	10				
„	31	0	0	on registration of Transfers.			
Rs.	8,266	6	10				

The result compares favorably also with those of the corresponding period of the three previous years, save 1877, (that year being exceptional in the famine operations which made its revenue uncommonly large), and is, nevertheless, very nearly equal to the average of those years as shown below :—

Collection from 1st April to 31st December 1875.....Rs.	6,828	4	4
Do do 1876..... „	7,635	5	10
Do do 1877..... „	10,364	15	1
Rs.	24,828	9	3
Average...Rs.	8,276	3	1

10. The up-country carts which tended to augment the revenue of the famine year, disappearing with the famine, the collections are going back to their normal condition, without any arrears worth notice.

Tolls on Carriages and Animals entering the Town under Sections 49 to 55.

11. These were, as usual, let out on contract for the period under report under the tender-system for Rs. 32,400, which was the sum budgetted and which, though the highest amount offered, falls short of the average of the three preceding years by over Rs. 2,000 as hereunder given :—

For nine months of 1875...Rs.	38,067	0	0
Do. 1876... „	32,408	0	0
Do. 1877... „	33,508	0	0
Total...Rs.	103,983	0	0
Average...Rs.	34,661	0	0
For nine months of 1878... „	32,550	0	0
Decrease...Rs.	2,111	0	0

The sum realized, viz. Rs. 32,550, forms the aggregate of eight instalments (the ninth and last instalment falling due this year) and the last of the previous year's instalments.

12. I have compounded with persons resident out of the Municipal limits for the following carriages and animals, on account of the farmers of Tolls :—

Description.	No.	Amount.	
		RS.	AS.
Four-wheeled carriages on springs drawn by 2 horses ...	1	9	0
Do do do do 1 horse ...	14	63	0
Two-wheeled do do do horse, mule, &c ...	49	147	0
Horses over 13 hands	6	27	0
Do under 13 „	32	48	0
Horse of or under 11 hands	4	2	0
Bulls or bullocks	22	11	0
Male buffaloe	...	...	...
Ass	...	...	...
Dog	1	0	8
Rupees...	...	307	8

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and the following particulars of operations in that direction during the corresponding period of the three previous years are given for the purposes of comparison.

	4-wheeled carriages drawn by 2 horses at Rs. 9 each.		4-wheeled carriages drawn by 1 horse at Rs. 4-8-0 each.		2-wheeled carriages drawn by 1 horse at Rs. 3 each.		Horses over 13 hands at Rs. 4-8-0 each.		Horses under 13 hands at Rs. 1-8-0 each.		Elephants at Rs. 12 each.		Camels at Rs. 6 each		Ponies under 11 hands at 8 Annas each.		Bulls or Bullocks at 8 Annas each.		Buffaloes at 8 Annas each.		Asses at 4 Annas each.		Dogs at 8 Annas each.		Total.	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	Amounts.	
		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.	RS.	A.
From 1st April to 31st Dec. 1875.	16	144	43	193-8	137	411	45	202-8	243	162	...	...	...	...	16	8	75	37-8	...	...	...	...	...	...	1,158	8
Do. do. 1876.	16	144	35	157-8	103	309	49	220-8	72	108	...	...	...	..	11	5-8	53	26-8	...	...	...	...	...	...	971	0
Do. do. 1877.	15	135	21	94-8	80	240	38	171	54	81	...	...	...	...	8	4	42	21	...	...	...	...	6	3	749	8
Total...	47	423	99	445-8	320	960	132	594	369	351	...	...	...	...	35	17-8	170	85	...	...	...	...	6	3	2,879	0
Average ...	16	141	33	148-8	107	320	44	198	123	117	...	...	...	..	12	5-13	57	28-5	...	...	...	...	2	1	959	11
From 1st April to 31st December 1878. ...	1	9	14	63	49	147	6	27	32	41	...	...	...	...	4	2	22	11	...	...	...	...	1	0-8	307	8
Increase ...	..	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Decrease ...	15	132	19	85-8	58	173	38	171	91	69-8	...	...	...	...	8	3-13	35	17-5	...	...	...	...	1	0-8	652	3

Tax on Arts, Trades, Professions and Callings under Sections 57 and 59 to 62.]

13. This tax, both the instalments whereof were due within the nine months under report, was assessed for the year 1878 at a demand of Rs. 1,46,216 distributed amongst the several divisions according to the classified arrangement shewn below :—

Locality.	Classified Assessment.								Total.	Budget.
	I.			II.	III.	IV.	V.	VI.		
	A.	B.	C.							
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1st Division	350	...	300	900	600	1,225	780	1,556	5,711	5,500
2nd „ ...	...	...	...	4,600	4,950	5,750	4,824	5,580	25,704	20,000
3rd „ ...	28,000	400	2,250	16,000	13,900	12,050	7,104	8,736	88,440	50,000
4th „ ...	350	...	...	200	450	250	216	492	1,958	1,000
5th „ ...	350	...	150	1,400	1,200	1,075	828	3,080	8,083	7,000
6th „ ...	...	...	300	800	1,700	275	348	556	3,979	3,000
7th „ ...	...	...	750	2,000	2,500	575	744	3,728	10,297	9,000
8th „ ...	...	...	...	500	500	100	84	860	2,044	1,500
Rs...	29,050	400	3,750	26,400	25,800	21,300	14,928	24,588	1,46,216	97,000

Compared with the demands of the three preceding years, it exceeds them and their average as indicated below :—

Locality.	Assessment for			Total of the three years.	Average.	Assessment for 1878.
	1875.	1876.	1877.			
	RS.	RS.	RS.	RS.	RS.	RS.
1st Division ...	5,883	6,282	6,020	18,185	6,061	5,711
2nd „ ...	24,773	21,272	22,289	68,334	22,778	25,704
3rd „ ...	54,513	52,023	87,536	1,94,072	64,690	88,440
4th „ ...	1,318	1,023	2,257	4,598	1,532	1,958
5th „ ...	7,833	9,213	8,575	25,621	8,540	8,083
6th „ ...	4,174	3,836	3,575	11,585	3,861	3,979
7th „ ...	12,513	10,334	9,169	32,016	10,672	10,297
8th „ ...	2,212	1,897	1,947	6,056	2,018	2,044
Rupees...	1,13,219	1,05,880	1,41,368	3,60,467	1,20,152	1,46,216

14. The number of assessments of which the demand is made up, is also greater than that of the previous years, and their average as the statement below will exhibit:—

Locality.	Number of persons classified for 1878 in								Total assessed.	Percentage of the assessed to total population.	Total for 1875.	Total for 1876.	Total for 1877.	Average of the last 3 years.	Percentage of the average to total population.
	I.			II.	III.	IV.	V.	VI.							
	A.	B.	C.												
1st Division..	1	..	2	9	12	49	65	389	527	·8	631	588	577	598	0·9
2nd " ..	..	..	..	46	99	230	402	1,395	2,172	2·9	2,230	1,980	1,896	2,035	2·7
3rd " ..	80	2	15	160	278	482	592	2,184	3,793	7·4	3,276	3,184	3,646	3,368	6·6
4th " ..	1	..	..	2	9	10	18	128	163	1·6	138	113	181	144	1·5
5th " ..	1	..	1	14	24	43	69	770	922	1·4	726	969	881	858	1·3
6th " ..	..	..	2	8	34	11	29	139	223	1·2	209	200	215	208	1·07
7th " ..	..	..	5	20	50	23	62	932	1,092	1·6	1,337	1,045	955	1,112	1·5
8th " ..	..	..	..	5	10	4	7	215	241	·6	338	238	245	273	·6
Total ..	83	2	25	264	516	852	1,244	6,147	9,133	2·3	8,885	8,317	8,596	8,596	2·2

It is composed of the nationalities and Joint Stock Companies hereunder set forth :—

Locality.	Hindus.	Mahomedans.	Others.	Joint Stock Companies.	Total.
1st Division ...	417	13	93	4	527
2nd " ...	2,072	47	41	12	2,172
3rd " ...	2,644	440	611	98	3,793
4th " ...	107	26	29	1	163
5th " ...	688	113	109	12	922
6th " ...	116	26	80	1	223
7th " ...	798	148	142	4	1,092
8th " ...	202	13	25	1	241
Total...	7,044	826	1,130	133	9,133

The numbers are compared below with those of the previous three years :—

Period.	Hindus.	Mahomedans.	Others.	Joint Stock Companies.	Total.
1875 ...	6,777	816	1,242	43	8,878
1876 ...	6,243	838	1,179	57	8,317
1877 ..	6,495	823	1,144	135	8,597
Total...	19,515	2,477	3,565	235	25,792
Average...	6,505	826	1,188	78	8,597
1878 ...	7,044	826	1,130	133	9,133
Increase...	539	...	...	55	594
Decrease...	..	...	58	...	58

And the assessment for 1878 affects the several professions hereinafter specified divisionwarri :—

	Profession.	Division.								Total.
		1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	
1	Salaried persons	107	45	677	40	146	56	178	28	1,277
2	Joint Stock Companies ...	4	12	98	1	12	1	4	1	133
3	Auctioneers	...	...	2	...	...	...	4	...	6
4	Merchants, Agents and Sowcars..	52	323	656	14	34	5	34	4	1,122
5	Traders...	204	1,304	1,597	67	410	114	604	143	4,443
6	Brokers and Dallals ...	7	47	317	7	59	3	43	4	487
7	Manufacturers	122	87	141	8	46	15	56	22	497
8	Artizans	23	243	152	7	103	18	124	27	697
9	Owners of Markets	3	3	2	1	4	...	4	...	17
10	Practising Surgeons & Physicians	..	...	3	1	...	3	1	...	8
11	Boarding-house keepers & Hotel keepers	...	10	13	...	2	...	...	...	25
12	Hawkers	...	43	22	12	31	3	3	1	115
13	Native Doctors	...	8	9	2	7	...	8	2	36
14	Petty Money-lenders and Traders in Money	1	32	28	3	60	...	23	7	154
15	Practising Barrister-at-Law, Vakeels & Attorneys, High Court..	...	...	59	...	1	...	1	2	63
16	Civil Engineers	1	...	...	...	...	...	...	...	1
17	Owners of Printing Presses ...	3	15	17	...	7	5	5	...	52
	Total...	527	2,172	3,793	163	922	223	1,092	241	9,133

15. Not unlike the year 1877, the demand rose chiefly by the assessment of foreign Joint Stock Companies represented by local agencies. I anticipate a material reduction in the shape of remissions, which up to the 31st of December last, were allowed to the extent of Rs. 16,233-8-0 affecting 803 of 1,275 cases in which revision of assessment was sought, where reductions and partial and total exemptions were granted. In 80 cases the original assessments were confirmed, and the residue remained over for disposal.

No appeal was preferred under Section 83. The remissions so granted form a set-off against the divisional demands in the following proportions, viz :—

1st	Division	...	...	Rs.	451	0	0
2nd	do	...	...	„	3,307	8	0
3rd	do	...	...	„	10,963	8	0
4th	do	...	...	„	370	0	0
5th	do	...	...	„	294	8	0
6th	do	...	...	„	262	0	0
7th	do	...	...	„	457	0	0
8th	do	...	...	„	128	0	0
			Total Rs...		16,233	8	0

As against the arrears of previous years, the following remissions were allowed, viz:—

For 1875	...	...	...Rs. 933 0 0
„ 1876	...	...	„ 421 0 0
„ 1877	...	...	„ 2,463 8 0
			Total Rs. 3,817 8 0

From want of time and sufficient machinery, I was unable to exercise such a close scrutiny over the remaining outstandings as I could wish, to bring them to a close.

16. Of the demand for 1878, a sum of Rs. 62,798-8-0 was collected during the nine months under report, which exceeds the average of the preceding three years by over Rs 14,000 as appears below :—

For 1875	from April to December	1875.....	Rs. 24,772 0 0
„ 1876	do	1876.....	„ 55,191 8 0
„ 1877	do	1877.....	„ 65,050 8 0
		Total	Rs. 1,45,014 0 0
		Average	Rs. 48,338 0 0

During the first three months of 1878, voluntary payments on account of that year's demand, were received, amounting to Rs. 722-0-0, which makes the year's collection for the year Rs. 63,520-8-0.

Against Rs.	29,349 0 0	in and for 1875
„ „	60,665 0 0	in and for 1876
„ „	65,273 0 0	in and for 1877
Total Rs.	1,55,287 0 0	
Averaging Rs.	51,762 0 0	

thus exceeding those years and their average, excepting 1877, which, as before noticed, was exceptional in consequence of the famine trade.

On account of arrears, the following sums were collected, viz. :—

For 1873, „ 1874, „ 1875	...	...	...	...Rs.	498 12 9
„ 1876	...	...	...	... „	84 3 11
„ 1877	...	...	...	... „	5,082 0 0
				Total Rs.	5,665 0 8

Against Rs.	18,216 0 0	in 1875
„ „	27,282 0 0	in 1876
„ „	7,040 0 0	in 1877
Total Rs.	52,538 0 0	
Averaging Rs.	17,513 0 0	

The largeness of arrears-collection in former years, which so much exceeds that of the period under report, would be accounted for by the shortness of the

current demand collected in those years as hereinbefore shewn. Thus the whole amount of collection under this head during the period of report was Rs. 68,463-8-0.

Against...	Rs.	42,164	0	0	in 1875
do	„	82,471	0	0	in 1876
do	„	71,720	0	0	in 1877
Total	Rs.	1,96,355	0	0	
Averaging	Rs.	65,452	0	0	

over which the operations of the period of report shews an improvement, though it falls below 1876 and 1877 for the reason already cited.

17. In 1,819 cases, where demand of payment was not complied with, Magisterial proceedings were instituted. 1,598 were settled out of Court and in 42, convictions were obtained, involving penalties amounting in the aggregate to Rs. 63-8-0 (irrespective of taxes) which have been realized and credited to Fines. The number of prosecutions instituted during the period under report is less than that of the preceding years and the average of the three preceding years, as will be seen below :—

In 1875	967
„ 1876	3,333
„ 1877	3,065
Total...	7,365
Average...	2,455

At the commencement of the period under report there were 349 cases which had stood over from the previous years, of which 182 were settled out of Court, 4 were tried resulting in conviction and fines to the extent of Rs 13-0-0 which have been likewise carried to Fines Fund, and the remaining 163 stand over.

18. The processes generally adopted for the recovery of arrears were Notices of demand and Warrants of distress; 276 of the former and 98 of the latter were issued.

19. The appeal preferred to the High Court by O. Cooppoosawmy Moodelly against the Chief Justice's judgment in his suit against the Municipality for recovery of Rs 50,000 for damages, was dismissed with costs.

Tax on places used for retail sale of Spirituous and Intoxicating Liquors under Section 58 to 62.

20. The assessed demand of this tax for the year 1878 is Rs. 11,493, as particularized below.

Description of Shops.	Class.				Total Number of Shops.	Amount of Assessment.
	I.	II.	III.	IV.		
						RS.
Puttai Arrack ...	2	5	17	30	54	1,185
Colombo Arrack ...	7	19	22	4	52	2,073
Beer, Wine and Spirits ...	4	7	15	81	107	1,997
Toddy ...	...	56	42	199	297	6,238
Total...	13	87	96	314	510	11,493

and exceeds the average of the three years preceding, as hereunder shown :—

Demand of 1875 ... Rs 11,690
do 1876 ... „ 11,296
do 1877 ... „ 11,185

Total Rs. 34,171

Average Rs. 11,390

It represents the shops hereunder described according to their situation, to which are added the population of each division and the ratio thereof to each shop:—

Locality.	Beer, Wine and Spirit Shops. Assessed in Class					Puttai Arrack Shops. Assessed in Class					Colombo Arrack Shops. Assessed in Class					Toddy Shops Assessed in Class					Total. Class					Amount assessed.	Population.	Ratio of population to each Shop.
	I.	II.	III.	IV.	Total.	I.	II.	III.	IV.	Total.	I.	II.	III.	IV.	Total.	I.	II.	III.	VI.	Total.	I.	II.	III.	IV.	Total.	RS.		
1st Divn.	...	...	...	2	2	...	1	5	3	9	1	1	1	...	3	...	...	16	66	82	1	2	22	71	96	1,577	65,547	697
2nd do.	...	...	1	14	15	1	2	3	...	6	5	5	...	...	10	...	21	...	...	21	6	28	4	14	52	2,118	75,326	1,639
3rd do.	4	4	12	34	54	1	2	1	1	5	1	5	5	1	12	...	27	...	...	27	6	38	18	36	98	3,232	50,957	549
4th do.	...	...	...	...	...	...	...	1	1	2	...	...	1	...	1	...	...	1	12	13	...	...	3	13	16	231	9,791	612
5th do.	...	...	...	10	10	...	...	4	7	11	...	4	9	2	15	...	2	13	31	46	...	6	26	50	82	1,550	65,491	762
6th do.	...	...	...	11	11	...	...	2	...	2	...	...	...	...	...	...	...	3	7	10	...	...	5	18	23	341	19,390	923
7th do.	..	3	2	7	12	...	...	1	10	11	...	2	6	1	9	...	6	9	31	46	...	11	18	49	78	1,588	69,568	915
8th do.	...	...	...	3	3	...	...	...	8	8	...	2	...	...	2	...	...	...	52	52	...	2	...	63	65	856	41,482	519
Total...	4	7	15	81	107	2	5	17	30	54	7	19	22	4	52	...	56	42	199	297	13	87	96	314	510	11,493	3,97,552	6,716

The number of shops comprised in the assessment depends on the Collector of Madras' licenses, and slightly varies from the preceding years, as will be seen from the statement below :—

Period.	Beer, &c., Shops.	Pattai Arrack.	Colombo Arrack.	Toddy.	Total.
1875 ...	94	53	47	296	490
1876 ...	101	55	49	299	504
1877 ...	99	53	48	298	498
Total...	294	161	144	893	1,492
Average.	98	54	48	298	498
1878 ...	107	54	52	297	510

REVENUE DEPARTMENT.

21. A sum of Rs. 77-0-0 has been allowed by way of reduction in 6 cases on application for revision of assessment.

22. During the first three months of the year 1878, Rs. 459 of the demand was collected, which, with Rs. 10,345 got in, in the period under report, against Rs. 10,300 budgetted, makes an aggregate of Rs. 10,804. It compares favorably with the average of the three prior years, as will be seen below :—

Period.	First 3 months.	Last 9 months.	Total.
	RS.	RS.	RS.
1875 ...	75	8,208	8,283
1876 ...	788	9,169	9,957
1877 ...	1,414	9,363	10,777
Total...	2,277	26,740	29,017
Average.	759	8,913	9,672
1878 ...	459	10,345	10,804

A sum of Rs. 112 has been collected on account of arrears of 1875 and 1877, which raises the collection of the period under report to Rs. 10,457.

Against Rs.	9,011	0	0	in 1875.
,, ,,	9,948	0	0	in 1876.
,, ,,	9,622	0	0	in 1877.
Total Rs...	28,581	0	0	
Averaging Rs...	9,527	0	0	
,, ...	10,457	0	0	in 1878.
Excess Rs...	930	0	0	

23. The realization depended chiefly upon Magisterial proceedings, the extent of which, contrasted with cases in which such proceedings were averted, is shewn below :—

Locality.	No. paid without prosecution.	No. not found.	No. prosecuted.	Total.	Percentage of prosecutions to Total.
1st Division....	24	1	71	96	74
2nd do	22	3	27	52	52
3rd do	49	1	48	98	49
4th do	8	...	8	16	50
5th do	31	1	50	82	61
6th do	12	...	11	23	48
7th do	31	...	47	78	60
8th do	25	...	40	65	62
Total...	202	6	302	510	60

Of the 302 prosecutions, 265 cases were compromised out of Court; 14 cases were adjudicated upon resulting in penalties aggregating Rs. 97-0-0 carried to Fines, and the remaining 23 cases stand over against parties not found. I have not been successful in tracing all the parties against whom the arrears of prior years were due.

Rates on Houses, Buildings and Lands under Sections 69 to 82.

24. These rates, levied for the year 1878 at 10 per cent. on the annual value of houses, &c., and due at the expiration of the first quarter of the year, amounted to a net demand of Rs. 3,52,425-14-8 as detailed below, against Rs. 3,49,000—budgeted:—

				RS.	A.	P.
The demand of 1877, comprising 32,028 holdings, was ...				3,48,728	9	1
augmented by the supply of an omission to the extent of ...				1	8	0
making a total of				3,48,730	1	1
Rates newly assessed for 1878 in 284 cases aggregated	2,935	2	5			
Increase of standing rates by reason of improvements, &c., gave on 667 holdings ...	5,419	4	3			
making a total accretion of	8,354	6	8			
Demolition and other allied causes resulted in the entire removal of rates in 200 instances to the extent of ...	962	9	1			
and reductions in 354 cases amounting to ...	2,241	9	7			
both making together	3,204	2	8			
diminished the increase to				5,150	4	0
which, added to the net demand of 1877 above set forth, made				3,53,880	5	1
Independently of the above reductions which were made by me in the course of the revision of assessments, the Appeal Committees granted reductions to the extent of				1,454	6	5
which caused the net demand above-mentioned of				3,52,425	14	8

A divisional arrangement constituting such demand, shewing likewise the assessments levied, the number of appeals admitted against the same, and the result thereof, as compared with the Budget, as also the area, the population according to the last census, the number of rateable holdings, the proportion of population to the holdings, the approximately average space each individual is sup-

APPENDIX III.

REVENUE DEPARTMENT.

posed to occupy, and the incidence of the tax per head of population, is exhibited in the abstract following:—

Locality.	Area in square miles.	Number of premises not liable to rate and therefore not assessed.	Number of rateable premises.	Population.	Ratio of population to holdings.	Proportion of space occupied by each individual in square feet.	Demand levied.					Number of appeals admitted and heard.	Number of appeal sittings.	Reduction granted on disposal of such appeals by Commissioners.					Net demand after allowing such reduction.					Incidence of rate per head of population.			Budget.
							Valuation.		Rate at 10 per cent.					Valuation.		Rate at 10 per cent.			Valuation.		Rate at 10 per cent.						
							RS.	A.	RS.	A.	P.			RS.	A.	RS.	A.	P.	RS.	A.	RS.	A.	P.	RS.	A.	P.	RS.
1st Division ...	5·31	817	3,513	65,547	15·14	250·93	3,12,436	0	31,244	5	11	34	1	816	8	81	10	3	3,11,619	8	31,162	11	6	0	7	7	31,000
2nd „ ...	1·02	660	6,891	75,326	9·98	41·94	6,71,242	8	67,124	11	10	70	1	908	0	90	12	10	6,70,334	8	67,033	15	0	0	14	3	66,000
3rd „ ...	0·91	784	5,475	50,957	8·14	55·12	8,72,354	0	87,123	14	6	145	4	6,252	0	625	3	2	8,66,102	0	86,498	11	4	1	11	2	85,000
4th „ ...	3·88	311	577	9,791	11·03	1,227·53	98,451	0	9,845	4	6	10	1	204	0	20	6	5	98,247	0	9,824	14	1	1	0	1	9,000
5th „ ...	2·81	1,060	4,939	65,491	10·92	132·90	5,21,651	4	52,165	14	7	64	1	1,142	0	114	3	2	5,20,509	4	52,051	11	5	0	12	9	52,000
6th „ ...	4·16	450	1,244	19,390	11·45	664·00	3,09,647	8	30,965	1	6	41	1	2,012	8	201	4	0	3,07,635	0	30,763	13	6	1	9	5	31,000
7th	2·19	1,326	6,068	69,568	9·40	97·54	4,58,218	12	45,823	3	9	116	2	1,821	0	182	1	7	4,56,397	12	45,641	2	2	0	10	6	45,000
8th „ ...	6·54	1,188	3,529	41,482	8·80	488·36	2,95,869	4	29,587	12	6	90	1	1,388	0	138	12	10	2,94,481	4	29,448	15	8	0	11	4	30,000
Total...	26·82	6,591	32,236	3,97,552	10·24	208·97	35,39,870	4	3,53,880	5	1	570	12	14,544	0	1,454	6	5	35,25,326	4	3,52,425	14	8	0	14	2	3,49,000

APPENDIX III.

REVENUE DEPARTMENT.

The ensuing table contains a distribution amongst the divisions of the new and increased assessments and total and partial exemptions made other than the reductions allowed on disposal of appeals by Committees.

Locality.	New assessments.						Increase of assessments.						Total exemptions.						Reductions.					
	No. of cases.	Valuation.		Rate at 10 per cent.			No. of cases.	Valuation.		Rate at 10 per cent.			No. of cases.	Valuation.		Rate at 10 per cent.			No. of cases.	Valuation.		Rate at 10 per cent.		
		RS.	A	RS.	A.	P.		RS.	A.	RS.	A.	P.		RS.	A.	RS.	A.	P.		RS.	A.	RS.	A.	P.
1st Divn..	45	3,155	0	315	11	10	66	3,301	0	330	5	5	20	885	0	88	4	1	31	1,617	0	161	7	3
2nd „ ..	38	2,610	0	261	1	7	49	11,552	0	1,155	8	0	16	725	0	72	3	9	49	2,113	0	211	1	1
3rd „ ..	36	6,456	0	645	9	7	282	20,872	0	2,087	3	2	16	984	8	98	7	5	60	8,118	0	698	12	9
4th „ ..	22	585	0	58	8	9	10	7,958	0	795	13	7	13	269	0	26	14	0	6	546	0	54	8	4
5th „ ..	38	1,564	0	156	11	6	78	2,523	4	252	10	4	29	1,036	8	103	5	4	61	2,522	0	251	14	1
6th „ ..	12	187	0	18	12	9	35	1,886	4	188	11	7	13	1,813	0	181	3	3	24	2,664	0	266	4	10
7th „ ..	54	13,736	0	1,373	14	6	74	2,528	8	253	2	8	54	1,717	12	171	9	5	75	4,270	12	426	12	3
8th „ ..	39	1,044	0	104	11	11	73	3,555	0	355	13	6	39	2,209	8	220	9	10	48	1,711	8	170	13	0
Total..	284	29,337	0	2,935	2	5	667	54,176	0	5,419	4	3	200	9,640	4	962	9	1	354	23,562	4	2,241	9	7

25. The following table shews the demand of the year contrasting favourably with those of the three preceding years, the figures of 1875 and 1876 being rendered into 10 per cent. for the purposes of such contrast.

Locality.	Net Demand of 1875.								Net Demand of 1876.								Net Demand of 1877.								
	Number of premises not liable to rate and therefore not assessed.	Number of rateable premises.	Valuation.		Rate.			Budget.	Number of premises not liable to rate and therefore not assessed.	Number of rateable premises.	Valuation.		Rate.			Budget.	Number of premises not liable to rate and therefore not assessed.	Number of rateable premises.	Valuation.			Rate.			Budget.
			RS.	A.	RS.	A.	P.	RS.			RS.	A.	RS.	A.	P.	RS.			RS.	A.	P.	RS.	A	P.	RS.
1st Division ...	790	3,455	3,00,410	0	22,531	5	2	22,500	902	3,478	3,04,234	8	22,818	2	3	22,600	798	3,485	3,08,482	0	0	30,848	0	0	30,666
2nd do. ...	672	6,822	6,37,704	8	47,828	0	3	47,000	661	6,818	6,55,624	8	49,171	15	2	49,000	664	6,862	6,59,918	8	0	65,991	7	1	65,333
3rd do. ...	638	5,480	8,40,520	0	63,038	15	1	64,000	694	5,469	8,35,084	4	62,631	7	3	64,000	802	5,425	8,54,128	8	0	85,188	5	11	83,333
4th do. ...	465	551	98,727	8	7,404	12	0	7,000	322	557	90,817	8	6,811	8	0	6,700	320	573	90,723	0	0	9,072	4	6	9,333
5th do. ...	1,164	4,761	4,86,935	8	36,520	13	4	36,000	1,166	4,789	4,84,358	4	36,327	7	7	37,000	943	4,899	5,21,122	8	0	52,111	12	2	48,000
6th do. ...	447	920	3,13,511	12	23,513	10	7	23,000	450	1,172	3,12,905	4	23,468	2	5	23,600	457	1,207	3,12,051	4	0	31,205	1	3	31,333
7th do. ...	1,355	5,814	4,43,092	8	33,233	3	2	33,000	1,381	5,803	4,40,273	0	33,021	0	8	33,500	1,292	6,050	4,47,951	12	0	44,794	8	3	44,000
8th do. ...	1,202	3,474	2,92,430	4	21,932	10	8	22,000	1,214	3,476	2,92,781	4	21,959	0	8	22,000	1,200	3,527	2,95,191	4	0	29,518	9	11	29,333
At 7½ per cent. ...	6,733	31,277	34,13,332	0	2,56,003	6	3	2,54,500	6,790	31,562	34,16,078	8	2,56,208	12	0	2,53,400	...	...	...	...	...	...	...	...	...
At 10 per cent. ...	6,733	31,277	34,13,332	0	3,41,333	3	2	3,39,333	6,790	31,562	34,16,078	8	3,41,607	13	7	3,44,533	6,476	32,028	34,89,568	12	0	3,48,730	1	1	3,41,331
Net assessment for 1878 at 10 per cent.	6,591	32,236	35,25,326	4	3,52,425	14	8	3,49,000	6,591	32,236	35,25,326	4	3,52,425	14	8	3,49,000	6,591	32,236	35,25,326	4	0	3,52,425	14	8	3,49,000
Increase in 1878 ...	...	959	1,11,994	4	11,092	11	6	9,667	...	674	1,09,247	12	10,818	1	1	4,467	115	208	35,757	8	0	3,695	13	7	7,669
Decrease in 1878...	142	...	...	...	...	...	...	...	199	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

REVENUE DEPARTMENT.

I give below a comparative statement of the number of fresh and increased assessments and total and partial exemptions, the extent to which those assessments and standing valuations were appealed against, and the result thereof.

Year.	Fresh assessments.	Increase of assessments.	Total exemptions.	Reductions other than those allowed by Committees on appeals.	Appeals admitted.	Number of sittings.	Result of Appeals. Confirmed. Fresh assessments.	Confirmed. Increase of assessments	Confirmed. Standing assessments	Reduction allowed. Fresh assessments.	Reduction allowed. Increase of assessments	Reduction allowed. Standing assessments
1875 ...	290	732	235	203	459	9	22	84	141	10	70	251
1876 ...	215	637	169	236	481	10	19	64	157	9	68	290
1877 ...	617	1,251	157	251	745	15	109	201	266	14	163	134
Total...	1,122	2,620	561	690	1,685	34	150	349	564	33	301	675
Average ...	377	873	187	230	562	11	50	116	188	11	100	225
1878 ...	284	667	200	354	570	12	28	152	263	8	58	227

Of the 570 appeals or 736 cases admitted and heard, 36 cases were against fresh assessments, 210 against increased assessments, and the remaining 490 against standing rates.

26. At the beginning of the period under report, there were outstanding arrears of former years to the extent (inclusive of Rs. 1-8-0 subsequently discovered to have been omitted) of ... ... Rs. 16,168 0 5

which, plus the current net demand of the year, made an aggregate of ... ... „ 3,68,593 15 1

against which remissions were allowed to the extent of... ... ... Rs. 3,698 3 2

and further reductions granted to the extent of ... ... „ 336 0 0

aggregating ... ... „ 4,034 3 2

which reduced the demand to ... ... Rs. 3,64,559 11 11

whereof we collected ... ... „ 3,43,157 9 3

and had a balance left uncollected at the close of the year of Rs. 21,402 2 8

REVENUE DEPARTMENT.

Such demand, remission, collection, and balance are hereunder analysed divisionally, the current year's rates being distinguished from arrears.

Period.	1st Division			2nd Division.			3rd Division.			4th Division.			5th Division.			6th Division.			7th Division.			8th Division.			Total.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
DEMAND.																											
Of arrears of and anterior to 1877 at 7½ per cent	192	15	4	1,223	13	1	1,886	14	5	399	8	7	1,389	2	8	879	14	11	2,608	1	2	1,670	3	2	10,250	9	4
Of same arrears omitted and subsequently discovered	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	0	..	..	..	1	2	0
	192	15	4	1,223	13	1	1,886	14	5	399	8	7	1,389	2	8	879	14	11	2,609	3	2	1,670	3	2	10,251	11	4
Of arrears in respect of additional 2½ per cent. rate of 1877.. ..	84	7	5	518	8	3	990	12	6	396	12	5	1,916	2	7	737	10	3	763	8	4	508	1	4	5,915	15	1
Of same arrears omitted and subsequently discovered	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	6	0	..	..	..	0	6	0
	277	6	9	1,742	5	4	2,877	10	11	796	5	0	3,305	5	3	1,617	9	2	3,373	1	6	2,178	4	6	16,168	0	5
Of 1878 at 10 per cent.	31,162	11	6	67,033	15	0	86,498	11	4	9,824	14	1	52,051	11	5	30,763	13	6	45,641	2	2	29,448	15	8	3,52,425	14	8
	31,440	2	3	68,776	4	4	89,376	6	3	10,621	3	1	55,357	0	8	32,381	6	8	49,014	3	8	31,627	4	2	3,68,593	15	1
Less further reduction allowed as against the demand of 1877 ..	..	..	..	..	..	..	336	0	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	336	0	0
Net Total..	31,440	2	3	68,776	4	4	89,040	6	3	10,621	3	1	55,357	0	8	32,381	6	8	49,014	3	8	31,627	4	2	3,68,257	15	1
REMISSION.																											
Against arrears of and anterior to 1877	6	7	2	1	11	0	15	12	0	9	0	9	7	11	1	..	..	..	21	15	10	26	9	2	89	3	0
Do. additional 2½ per cent. of 1877	4	7	10	0	9	0	11	5	8	25	10	0	19	15	7	..	..	..	0	9	7	1	10	4	64	4	0
	10	15	0	2	4	0	27	1	8	34	10	9	27	10	8	..	..	..	22	9	5	28	3	6	153	7	0
Against demand of 1878	320	11	4	98	6	8	565	6	7	157	2	7	618	14	0	835	11	8	92	14	2	855	9	2	3,544	12	2
Total..	331	10	4	100	10	8	592	8	3	191	13	4	646	8	8	835	11	8	115	7	7	888	12	8	3,698	3	2
COLLECTION.																											
On account of arrears of and anterior to 1877	92	3	4	829	6	1	869	12	4	206	10	8	818	7	7	496	10	2	1,813	2	11	1,020	11	2	6,164	0	3
Do. additional 2½ per cent. of 1877	55	2	7	421	6	3	779	0	10	321	4	0	1,707	6	10	671	13	5	600	14	6	338	10	11	4,895	11	4
	147	5	11	1,250	12	4	1,668	13	2	524	14	8	2,525	14	5	1,168	7	7	2,414	1	5	1,859	6	1	11,059	11	7
Do. demand of 1878 ..	29,878	4	7	63,402	7	0	83,080	3	0	8,151	13	11	48,706	4	5	28,276	6	10	43,606	12	5	26,995	9	6	3,82,097	13	8
Total..	30,025	10	6	64,653	3	4	84,749	0	2	8,676	12	7	51,232	2	10	29,444	14	5	46,020	13	10	28,354	15	7	3,43,157	9	3*
BALANCE.																											
In respect of arrears of and anterior to 1877	94	4	10	392	12	0	645	6	1	186	13	2	563	0	0	383	4	9	774	0	5	622	14	10	3,662	8	1
Do. additional 2½ per cent. of 1877	24	13	0	96	9	0	200	6	0	49	14	5	188	12	2	65	12	10	162	6	3	167	12	1	956	5	9
	119	1	10	489	5	0	845	12	1	236	11	7	751	12	2	449	1	7	936	6	8	790	10	11	4,618	13	10
Do. demand of 1878 ..	963	11	7	3,533	1	4	2,853	1	9	1,515	13	7	2,726	9	0	1,651	11	0	1,941	7	7	1,597	13	0	16,783	4	10
Total..	1,082	13	5	4,022	6	4	3,698	13	10	1,752	9	2	3,478	5	2	2,100	12	7	2,877	14	3	2,388	7	11	21,402	2	8

* The Statement of Receipts and Disbursements for the period under report shows an excess over this sum of Rupees 114-8-4, which represents over-credits liable to refund.

REVENUE DEPARTMENT.

From the following table it will be observed that not only are the collections of the current demand during the nine months under report, greater than the average of the corresponding period of the three years immediately preceding, but the remissions granted during the time and the balance remaining at the end thereof fall below such average, the figures of the years in which the rates were levied at 7½ per cent. being taken at 10 per cent. for the purposes of comparison. I hoped to have collected more and thereby reduced the arrears to a minimum, had I been allowed the usual period of 12 months which the new Act has intercepted.

Year.	Demand.			Remission during last 9 months.			Collection during last 9 months.			Balance.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
1875 ...	3,41,333	3	2	3,469	3	1	2,55,476	5	9	82,387	10	4
1876 ...	3,41,607	13	7	7,001	2	5	2,95,940	15	1	38,665	12	1
1877 ...	3,48,730	1	1	2,176	10	0	3,09,096	3	0	37,457	4	1
Total...	10,31,671	1	10	12,646	15	6	8,60,513	7	10	1,58,510	10	6
Average ...	3,43,890	5	11	4,215	10	6	2,86,837	13	3	52,836	14	2
1878 ...	3,52,425	14	8	3,544	12	2	3,32,097	13	8	16,783	4	10
Increase ...	8,535	8	9	..	...	...	45,260	0	5	...	...	...
Decrease ...	...	...	...	670	14	4	...	...	...	36,053	9	4

The total collection under this head for the period under report, inclusive of arrears, viz., 3,43,157-9-3 also contrasts favorably with the average of the corresponding period of the three previous years, rendered into 10 per cent. where necessary, for the purposes of comparison, as will appear below, viz:—

From 1st April to 31st December 1875 ...	Rs.	3,07,194	9	5
Do do 1876 ...	„	3,30,831	3	5
Do do 1877 ...	„	3,20,538	12	1
Total	Rs.	9,58,564	8	11
Average	„	3,19,521	8	4

and this, notwithstanding the enormity of the outstanding arrears brought in in those years, the average whereof outweighs the arrears collection of the period under report as shewn hereunder :—

From 1st April to 31st December 1875	... Rs.	51,718	3	8
Do do 1876	... „	34,890	4	4
Do do 1877	... „	11,442	9	1
Total Rs.		98,051	1	1
Average „		32,683	11	0
From 1st April to 31st December 1878	... „	11,059	11	7

27. The various processes used for the realization of this tax and their extent are given below :—

Number of Notices of Demand issued				15,640
Number of unexecuted Warrants of previous years... ...				1,156
Number of Warrants issued				6,560
Do executed				4,007
Do adjusted before execution				2,963
Do pending				746
Number of sales of distress				36
Number of Warrants in respect whereof such sales were effected	Arrears			194
	Current			536
Amount of demand in respect whereof distraint was made	Arrears ...	Rs. 747	9	11
	Current ...	„ 2,953	10	2
Net proceeds realized by sale ...	Arrears ...	„ 380	2	2
	Current ...	„ 1,299	12	11
Balance unrecovered... ...	Arrears ...	„ 367	7	9
	Current ...	„ 1,653	13	3
Surplus	Arrears ...	„ 46	12	4
	Current ...	„ 71	0	5

The Warrants issued affected property of the undermentioned annual values in the proportions set against each class :—

In respect of property of the	No. of Warrants.
annual value of Rs. 14	525
„ 24	1,520
„ 48	1,848
„ 96	1,563
„ 192	702
„ 384	261
„ 786	84
„ 1,536	35
„ 3,072	20
„ 6,144	2
Total...	6,560

28. The following is a graduated scale of the valuation of rateable houses, buildings and lands as finally settled in the last year :—

Graduated Scale of Valuation of Houses, Buildings, and Lands assessed for the year 1878.

Locality.	Not exceeding Rs. 10.	Exceeding Rs. 10 but not exceeding Rs. 20.	Exceeding Rs. 20 but not exceeding Rs. 30.	Exceeding Rs. 30 but not exceeding Rs. 40.	Exceeding Rs. 40 but not exceeding Rs. 50.	Exceeding Rs. 50 but not exceeding Rs. 60.	Exceeding Rs. 60 but not exceeding Rs. 70.	Exceeding Rs. 70 but not exceeding Rs. 80.	Exceeding Rs. 80 but not exceeding Rs. 90.	Exceeding Rs. 90 but not exceeding Rs. 100.	Exceeding Rs. 100 but not exceeding Rs. 150.	Exceeding Rs. 150 but not exceeding Rs. 200.	Exceeding Rs. 200 but not exceeding Rs. 250.	Exceeding Rs. 250 but not exceeding Rs. 300.	Exceeding Rs. 300 but not exceeding Rs. 350.	Exceeding Rs. 350 but not exceeding Rs. 400.	Exceeding Rs. 400 but not exceeding Rs. 450.	Exceeding Rs. 450 but not exceeding Rs. 500.	Exceeding Rs. 500 but not exceeding Rs. 600.	Exceeding Rs. 600 but not exceeding Rs. 700.	Exceeding Rs. 700 but not exceeding Rs. 800.	Exceeding Rs. 800 but not exceeding Rs. 900.	Exceeding Rs. 900 but not exceeding Rs. 1,000.	Exceeding Rs. 1,000 but not exceeding Rs. 1,500.	Exceeding Rs. 1,500 but not exceeding Rs. 2,000.	Exceeding Rs. 2,000 but not exceeding Rs. 2,500.	Exceeding Rs. 2,500 but not exceeding Rs. 3,000.	Exceeding Rs. 3,000 but not exceeding Rs. 3,500.	Exceeding Rs. 3,500 but not exceeding Rs. 4,000.	Exceeding Rs. 4,000 but not exceeding Rs. 4,500.	Exceeding Rs. 4,500 but not exceeding Rs. 5,000.	Exceeding Rs. 5,000 but not exceeding Rs. 5,500.	Exceeding Rs. 5,500 but not exceeding Rs. 6,000.	Exceeding Rs. 6,000 but not exceeding Rs. 6,500.	Exceeding Rs. 6,500 but not exceeding Rs. 7,000.	Exceeding Rs. 7,000 but not exceeding Rs. 7,500.	Exceeding Rs. 7,500 but not exceeding Rs. 8,000.	Exceeding Rs. 8,000 but not exceeding Rs. 8,500.	Exceeding Rs. 8,500 but not exceeding Rs. 9,000.	Exceeding Rs. 9,000 but not exceeding Rs. 9,500.	Exceeding Rs. 9,500 but not exceeding Rs. 10,000.	Exceeding Rs. 10,000 but not exceeding Rs. 15,000.	Exceeding Rs. 15,000 but not exceeding Rs. 20,000.	Exceeding Rs. 20,000.	Total.
1st Division.. ..	3	817	895	346	390	219	45	132	81	62	192	81	47	47	13	23	20	11	28	5	14	9	2	15	4	2	3	..	..	1	2	..	1	..	1	1	..	..	..	..	..	1	..	..	3,513
2nd do. ..	..	321	668	438	676	865	336	679	579	400	983	344	188	111	13	21	17	5	17	4	4	5	3	4	1	1	1	..	..	1	..	..	2	..	..	..	..	..	..	..	..	3	1	..	6,891
3rd do. ..	2	180	418	321	581	526	246	361	447	287	923	403	253	193	39	64	48	23	38	5	11	11	8	25	17	9	8	3	4	4	9	2	..	..	1	1	..	..	1	..	..	1	2	..	5,475
4th do. ..	1	203	129	56	55	40	2	9	10	8	13	6	4	1	..	8	5	1	8	..	5	2	1	2	1	..	..	..	..	..	1	1	..	..	..	..	..	1	1	..	..	1	1	1	577
5th do. ..	7	1,055	976	536	655	390	137	190	172	106	223	100	60	64	13	34	27	26	50	9	20	16	10	34	9	8	4	1	2	2	..	..	..	..	..	2	..	..	..	..	..	..	1	..	4,939
6th do. ..	9	399	257	95	108	53	9	18	22	16	38	22	11	8	1	4	5	3	15	4	18	10	9	52	28	15	8	1	2	1	..	1	..	.	..	..	..	..	..	..	..	2	..	..	1,244
7th do. ..	21	1,452	1,361	694	810	468	185	278	196	100	258	75	38	28	9	13	11	4	11	4	5	8	3	10	6	4	2	..	3	2	2	..	1	..	..	2	..	..	..	..	1	2	..	1	6,068
8th do. ...	12	921	823	385	436	246	62	80	96	61	123	58	47	32	7	20	12	7	18	4	13	8	5	26	14	7	5	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3,529
Total..	55	5,348	5,527	2,871	3,911	2,807	1,022	1,747	1,603	1,040	2,753	1,089	648	484	95	187	145	80	185	35	90	69	41	168	80	46	31	6	11	11	14	4	4	...	2	6	..	1	2	..	1	10	5	2	32,236

REVENUE DEPARTMENT.

Ground Rents.

29. This source of revenue was budgeted at Rs. 5,000, whilst the actuals exceeded it by Rs. 656-0-6.

The following statement exhibits the Demand, Remission, Collection and Balance.

	Arrears of former years.			1st Quarter, 1878.			2nd Quarter, 1878.			3rd Quarter, 1878.			Total.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Demand ...	7,553	11	4	2,166	10	8	2,177	0	3	2,217	4	10	14,114	11	1
Remission ...	5,620	3	3	...	...	...	...	...	...	...	...	...	5,620	3	3
	1,933	8	1	2,166	10	8	2,177	0	3	2,217	4	10	8,494	7	10
Collection ...	268	6	4	1,909	7	7	1,807	7	9	1,670	10	10	5,656	0	6
Balance ...	1,665	1	9	257	3	1	369	8	6	546	10	0	2,838	7	4

Contrasting, as below, the collection of the 9 months under report with the average of the corresponding period of the three previous years, there is an increase of over Rs. 1,300 which, with the shortness of the collection period and the unprecedentedly large quantity of arrears which remained over to be collected in 1877, exceeding, as they did, the limits of comparison, is very favorable:—

In 1875	Rs.	1,659	0	8
1876	„	3,181	2	6
1877	„	8,203	14	4
Total...	„	13,044	1	6
Average...	„	4,348	0	6
In 1878...	„	5,656	0	6
Excess...	„	1,308	0	0

As much of the arrears demand as, on careful examination during the short time I had to attend to it consistently with my other duties, was found to be irrecoverable, has been written off; the remainder, a very insignificant portion of which, if at all, seems good, will be dealt with this year.

30. The coercive processes which became necessary in the realization of this revenue, are as follow:—

Notices of Demand				4,057
Warrants issued				2,074
Warrants adjusted before sale...				1,870
Warrants in respect whereof sales were carried out				32
Number of sales				6
Demands in respect whereof Distraints made...	Rs.	94	11	8
Net proceeds realized	„	51	9	0
Short fall	„	43	2	8
Surplus	„	6	0	11

REVENUE DEPARTMENT.

31. In the course of the execution of one of the above Warrants, the Distraining Officer concerned and his staff were assaulted and obstructed in the discharge of their duty by over a dozen persons collected together for the purpose by the party against whom the Warrant was issued. In the interests of the Municipality and for the protection of its out-door employés, it was thought necessary to prosecute the offenders, who, after a trial extending over 9 days, the Municipality being represented therein by its Solicitors, were convicted and fined to the extent of Rs. 310. Two of the convicts underwent the alternative sentence of imprisonment in the Penitentiary for one month each.

MISCELLANEA.

32. Under this head, the Demand and Warrant fees are all that need be noticed here.

The 9 months' collection amounted to Rs. 5,514-13-4, which exceeds the Budget sum of Rs. 4,500, and compared with the average of the corresponding period of the three previous years:—

	RS.	A.	P.
1875	4,458	2	6
1876	4,224	4	0
1877	5,666	6	4
Total Rs...	14,348	12	10
Average Rs...	4,782	14	11
shews an increase of ... ... Rs...	731	14	5

License Tax Act III of 1878.

33. The working of this tax was committed to me by virtue of G.O. No 1,073, Revenue Department, dated the 15th of July 1878, and remained in my hands till the 7th of October following, when it was transferred to an Officer specially appointed for the purpose, for fear that its retention in this department should impair the transaction of its legitimate business. Between the 15th of June and the 1st of August, I completed the list required by Section 10, and had it duly published. By the date of my giving over charge, between 400 and 500 objections were received, whereof 39 were heard and disposed of by me, the decision in none of which was appealed against.

I have the honor to be,

Sir,

Your most obedient Servant,

P. RAMASAWMY CHETTY,

Vice-President, Municipal Commission.

APPENDIX IV.

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

MUNICIPAL OFFICE,
PUBLIC WORKS AND CONSERVANCY DEPARTMENTS,
MADRAS, 31*st July* 1879.

From

J. A. JONES, ESQ.,
Vice-President, Municipal Commission,
Madras.

To

L. R. BURROWS, ESQ.,
President, Municipal Commission,
Madras.

SIR,

I have the honor to forward the Administration Report for the above Departments for the nine months ending the 31st December 1878.

GENERAL.

The Public Works done during the year will be found detailed in the tables which form the greater part of this report, and as these fully show the works, their position and cost, it only remains for me to allude to works which either from their extent, importance or otherwise require more particular attention.

Regarding conservancy works however it is neither easy nor would it be advantageous to tabulate the work done in that Department, and I therefore give a short resumé with remarks of work done in each budget head in the body of the report.

The Office work during the year has been somewhat extensive.

A scheme for the drainage of Black Town was in June last submitted to the Commissioners which received their approval, but although shortly thereafter submitted to Government, no orders have been yet passed upon it. Appeals for drainage reach this Department from all quarters of the town, but only very small matters can be attended to, as has been the case for years and years, and Madras therefore still lies under the stigma of being one of the worst drained towns in India.

The supply of water to many parts of the town still require extension, but no doubt this matter will receive the best attention of the Commissioners during the year 1879, in fact steps in view of this have already been taken. A scheme, the cost amounting to over Rs. 3,00,000 has already been adopted for the Commissioners and will be commenced so soon as a loan is received from the Government of India. No definite orders have as yet been passed on the scheme for substituting pipes for the present open Channel, but, in a Government Order No. 4,697W, the Government call for further information as to the analysis of the water and also intimate their intention of submitting the scheme to an Engineer of eminence and who has a special knowledge of the subject of water-supply to towns.

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

The following schemes were prepared during the year.

Tinnevelly Settlement.—A survey of the whole settlement was made and the new proposed streets which are required to open up the Parcherry laid down, an estimate was made for the removal of the huts on the site of the new streets and notice was given to the owner to construct the same. The owner having neglected to do so, the Municipality can now execute the work, the sanction of Government having already been received. No funds have been allotted in this year's (1879) budget for the amount and the work which is urgent is necessarily delayed, but the subject should have the early attention of the Standing Committee which will be shortly appointed.

The survey of Cox's Parcherry and a large surrounding part of Chintadrepettah has been completed and levels taken throughout the same area, but the necessary improvements are not yet decided upon.

Surveys were made of all Municipal Burial Grounds, of the site of the proposed Robinson Park with levels, of Royapooram Farm and levels were taken for drainage purposes. The levels for a Basin Road Farm (proposed) and Mofus Khan gardens were completed.

Levels and surveys were also taken in connection with schemes, which were being executed, these improvements will be alluded to in another part of this report.

OFFICE ESTABLISHMENT.

There has been no change during the year in the Office Establishment, and it is therefore unnecessary to detail the same as it will be found in last year's report.

CONSERVANCY—(GENERAL.)

The amount allotted in the Budget under the Heading Conservancy was Rs. 1,42,296-4-0 and the amount spent was Rs. 1,30,554-8-4.

This allotment however included the following items which cannot be strictly considered as items for the conservancy of the town.

These items were :—

	RS.
Burial and Burning Ground	534
Rent of ground for Parcherry	270
General Market	759
Fire Engines	1,610
	Rs. 3,173

If this amount be deducted from the total of 1,42,296-4-0, it leaves 1,39,123-4-0 as the amount budgeted for, and if the same items be left out from the total of expenditure it will amount to Rs. 1,26,822-7-0 instead of Rs. 1,30,554-8-4 as previously stated.

This amount gives for each unit of population (393,000) Rs. 0-5-4.

SUPERINTENDENCE.

The conservancy was superintended by a staff of

20 Overseers,
16 Duffadars,
71 Peons,

and the labour during the year was, as is detailed in the following table.

The Table showing the Conservancy Staff attached to each Ward on the 31st December 1878.

Division.	Ward.	Side Coolies.	Box Cartmen.	Cesspool boys.	Sweepers.	Latrine men.	Latrine women.	Latrine boys.	Latrine girls.	Rubbish Coolies.	Beach Coolies.	Hand Cartmen.	Beach Superintendent.	Tunnel Syrang.	Turnkey for flushing Drain.	Slaughter-house coolies	Sewage Farm Coolies.				Sewage Farm Superintendent.	Tunnel Coolies.	Rubbish Shoot Coolies			Gardener at Mannly.	Rubbish Shoot Nos. 1 and 2.					Latrine Peon.	Esplanade, &c. &c.				Screw pile drain.			Bar Coolies.		Watchmen.
																	Picotta men.	Gardeners.	Boys & women.	Watchmen.			Supdt.	Men.	Women.		Supdt.	Peon.	Boatmen.	Cartmen.	Rakers.		Supdt.	Peons.	Women.	Sweeper.	Supdt.	Watchmen.	Coolies.	Men.	Women.	
1st	East	15	1	2	9	4	3	..	..	..	..	..	..	1	..	7	..	..	..	..	..	12*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Centre	21	2	3	16	9	8	1	1	..	..	..	..	..	..	..	3	6	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	West	11	1	2	5	6	5	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	1	8	8	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
2nd	North	19	10	5	17	2	2	..	..	..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	16	4	4	..	..	..	..	..	..	..	..	..	..	..
	Centre	12	6	4	13	6	4	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	South	13	7	4	14	..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3rd	North	20	10	7	18	13	2	1	1	..	6	..	..	..	..	..	..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
	Centre	15	7	5	12	..	..	..	..	..	8	..	..	..	1	..	..	..	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	South	8	4	3	9	2	...	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	5	2	1	1	1	8	..	..	..
4th	—	8	3	3	6	4	4	..	..	2	..	..	..	..	..	7	12	4	6	1	..	..	..	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5th	North	18	6	6	8	8	5	..	..	..	..	..	..	..	1	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Centre	18	6	6	12	6	6	..	..	..	..	6	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	South	12	4	6	8	9	6	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6th	North	4	..	..	3	4	5	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	South	13	1	3	11	8	6	..	..	1	..	2	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7th	North	16	7	7	19	7	4	1	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Centre	18	8	10	14	2	1	1	1	..	1	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	South	15	7	9	14	9	3	..	..	..	..	..	..	..	..	..	12	..	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	5	..
8th	North	16	7	7	10	13	10	2	3	2	..	..	..	..	..	..	15	5	6	..	..	..	1	6	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
	South	10	5	4	8	3	3	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Total...	282	102	96	226	115	77	7	9	11	10	8	..	1	6	20	42	15	18	2	1	12	2	22	20	1	1	1	16	4	4	1	1	5	2	1	1	1	8	5	5	8

* Six are temporary on account of sea encroachment.

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

The following table shows the number of Bullocks with Carts allotted for work in each Ward of the Municipality. In excess of this number were the Carts and Bullocks working the private conservancy in the 6th Division South Ward, but which were not a charge against the Municipal Fund. The Contractor for the supply of bullocks was Chockalingum Pillay, and for carts Rajaruthnum Naidoo.

TABLE.

Division.	Ward.	Contractor's Rubbish Carts.	No. of Bullocks.	Contractor's Box Cart, (wooden.)	No. of Bullocks.	Municipal Box Cart (wooden.)	No. of Bullocks.	Municipal Cast Iron Single Bullock Carts.	No. of Bullocks.	Municipal Cast Iron Allahabad pattern	No. of Bullocks.	Slaughter House Carts.	No. of Bullocks.	Total. Carts.	Total. Bullocks.
1st	East ...	9	18	3	6	...	...	...	...	...	...	...	...	12	24
	Centre ...	14	28	9	18	...	...	...	...	...	...	1	2	24	48
	West ...	5	10	1	2	...	...	2	2	...	...	...	...	8	14
2nd	North ..	17	34	11	22	...	...	...	...	...	...	...	...	28	56
	Centre ...	13	26	8	16	...	...	...	...	...	...	..	...	21	42
	South ...	13	26	8	16	...	...	...	...	...	...	...	...	21	42
3rd	North ..	18	36	13	26	...	...	...	...	...	...	...	...	31	62
	Centre ...	12	24	7	14	...	...	...	...	...	...	...	...	19	38
	South ...	7	14	4	8	...	...	1	1	...	...	...	...	12	23
4th...	—— ...	6	12	1	2	3	6	...	...	...	...	...	...	10	20
5th	North ..	8	16	7	14	1	2	...	...	...	...	3	6	19	38
	Centre ...	12	24	7	14	...	...	...	...	...	...	...	...	19	38
	South ...	7	14	6	12	1	2	1	1	1	1	...	...	16	30
6th	North ...	3	6	...	...	1	2	2	2	...	...	...	...	6	10
	South ...	8	16	3	6	...	...	...	...	...	...	...	...	11	22
7th	North ..	14	28	11	22	...	...	...	...	...	...	...	...	25	50
	Centre ...	13	26	7	14	2	4	1	1	...	...	...	...	23	45
	South ...	12	24	8	16	1	2	1	1	...	...	...	...	22	43
8th	North ...	10	20	8	16	2	4	...	...	...	...	...	...	20	40
	South ...	8	16	4	8	2	4	...	...	...	...	...	...	14	28
												Grand Total...		361	713

About the 1st of August a virulent type of cattle disease broke out in the Choolay Depôt, and up to the 20th of that month the Contractor lost about 20 pairs. He was called on to replace them, and at the same time as it was thought that through long continued use the Depôt might be unhealthy, he was offered a piece of ground in the DeMellow's Road farm. This he did not accept, but eventually moved his bullocks to the ground on DeMellow's Road immediately west of the Salt Cotaur Station. The change did not have much effect, and the Municipality from time to time purchased bullocks to keep up the proper staff as the Contractor failed to do so. About the beginning of November the disease began to get rapidly worse and Dr. Western of the Governor's Body Guard was applied to for assistance, which he willingly gave. On the 18th November a Cattle Hospital was established on DeMellow's Road and sick cattle were all brought to this place and put under treatment, under orders of Dr. Western. About the 20th November the Municipal cattle, instead of being congregated at large Depôts, were divided into small Depôts belonging to each Ward. Notwithstanding this precaution the disease afterwards appeared in the Monegar Choultry, Trevellyan and Kistnampett Depôts. The nature of the work done by the bullocks rendered their meeting at the various Rubbish Depôts almost compulsory, and it was thus difficult to entirely escape contagion. The Contractor has necessarily lost a large sum of money which he states to amount to Rs. 8,000 or to Rs. 10,000. The hospital was not closed until the beginning of January 1879, when the disease disappeared.

The following table gives in detail the date of admission and death of each bullock after the establishment of the hospital, and shows a total of 104 admitted

and 31 cured. The table is necessarily long, but it is too important to be omitted altogether from this report, as it must prove of use for any future outbreaks.

On representation by the President regarding the prevalence of the disease, the Government, in their Order No. 2,436 of the 3rd December 1878, brought into force the Cattle Disease Prevention Madras Act II of 1866. The town at present seems free from cattle disease.

Table shewiny the admission and deaths into the Cattle Hospital, DeMellow's Road.

No. of Bullocks.	Date of Admission.	From what			Date of Death.	Remarks.
		Division.	Ward.	Depôt.		
1	19—11—78	5	S. W.	Choolay Depôt... ...	26—11—78	
2	Do.	5	S. W.	Do. ...	Do.	
3	Do.	6	N. W.	Do. ...	Do.	
4	Do.	6	N. W.	Do. ...	30—11—78	
5	Do.	6	S. W.	Do. ...	Do.	
6	20—11—78	5	C. W.	Do. ...	27—11—78	
7	21—11—78	4	.....	Do. ...	30—11—78	
8	Do.	4	.....	Do. ...	8—12—78	
9	Do.	5	N. W.	Do. ...	.....	Recovered.
10	Do.	5	C. W.	Do. ...	5—12—78	
11	Do.	7	N. W.	Do. ...	.....	Recovered.
12	22—11—78	5	N. W.	Do. ...	.....	Recovered.
13	23—11—78	2	N. W.	Trevelyan Depôt ...	28—11—78	
14	Do.	5	C. W.	Choolay do. ...	.....	Recovered.
15	24—11—78	2	N. W.	Trevelyan do. ...	26—11—78	
16	Do.	7	N. W.	Choolay do. ...	.....	Recovered.
17	25—11—78	4	.....	Do. ...	29—11—78	
18	Do.	5	N. W.	Do. ...	30—11—78	
19	Do.	7	N. W.	Do. ...	29—11—78	
20	26—11—78	5	N. W.	Do. ...	30—11—78	
21	27—11—78	5	C. W.	Do. ...	.....	Recovered.
22	28—11—78	6	S. W.	Do. ...	2—12—78	
23	30—11—78	5	N. W.	Do. ...	.....	Recovered.
24	Do.	5	N. W.	Do. ...	8—12—78	
25	Do.	5	C. W.	Do. ...	.....	Recovered.
26	Do.	6	S. W.	Do. ..	2—12—78	
27	Do.	7	N. W.	Do. ...	.....	Recovered.
28	Do.	7	N. W.	Do. ...	.....	Recovered.
29	1—12—78	5	S. W.	Do. ...	5—12—78	
30	2—12—78	5	S. W.	Do. ...	6—12—78	
31	5—12—78	5	N. W.	Do. ...	Do.	
32	11—12—78	1	C. W.	Monegar Choultry ...	.....	Recovered.
33	Do.	1	C. W.	Do. ...	.....	Recovered.
34	Do.	1	C. W.	Do. ...	14—12—78	
35	Do.	1	E. W.	Do. ...	15—12—78	
36	Do.	1	E. W.	Do. ...	16—12—78	
37	Do.	1	E. W.	Do. ...	20—12—78	
38	Do.	1	E. W.	Do. ...	13—12—78	
39	Do.	3	N. W.	Do. ...	Do.	
40	Do.	3	N. W.	Do. ...	.....	Recovered.
41	Do.	3	C. W.	Do. ...	13—12—78	
42	Do.	3	C. W.	Do. ...	Do.	
43	12—12—78	3	S. W.	Do. ...	29—12—78	
44	Do.	3	S. W.	Do. ...	... .	Recovered.
45	13—12—78	3	N. W.	Do. ...	.....	Recovered.
46	Do.	1	W. W.	Do. ...	14—12—78	
47	Do.	1	E. W.	Do. ...	18—12—78	
48	Do.	1	E. W.	Do. ...	15—12—78	
49	Do.	1	E. W.	Do. ...	.....	
50	Do.	1	E. W.	Do. ...	14—12—78	
51	Do.	3	N. W.	Do. ...	.....	
52	14—12—78	1	W. W.	Do. ...	16—12—78	
53	Do.	3	N. W.	Do. ...	15—12—78	
54	Do.	1	W. W.	Do. ...	Do.	
55	15—12—78	1	C. W.	Do. ...	16—12—78	
56	Do.	3	N. W.	Do. ...	Do.	
57	Do.	3	N. W.	Do. ...	Do.	
58	Do.	7	N. W.	Choolay Depôt ...	19—12—78	
59	Do.	1	E. W.	Monegar Choultry ...	.....	Recovered.
60	16—12—78	6	S. W.	Choolay Depôt ...	16—12—78	
61	17—12—78	3	N. W.	Monegar Choultry ...	20—12—78	
62	18—12—78	1	W. W.	Do. ...	Do.	
63	Do.	1	C. W.	Do. ...	.....	Recovered.
64	19—12—78	5	N. W.	Choolay Depôt ...	.....	Recovered.

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Number of Bullocks.	Date of Admission.	From what			Date of Death.	Remarks.
		Division.	Ward.	Depôt.		
65	19—12—78	1	E. W.	Monegar Choultry Depôt.	20—12—78	
66	Do.	1	C. W.	Do. ...	.....	Recovered.
67	Do.	3	N. W.	Do. ...	20—12—78	
68	20—12—78	1	E. W.	Do. ..	Do.	
69	Do.	3	C. W.	Do. ...	.. ...	Recovered.
70	Do.	3	C. W.	Do. ...	.....	Recovered.
71	Do.	3	N. W.	Do. ...	21—12—78	
72	21—12—78	3	C. W.	Do. ...	24—12—78	
73	Do.	3	N. W.	Do. ...	28—12—78	
74	Do.	1	C. W.	Do. ...	24—12—78	
75	Do.	3	N. W.	Do. ..	Do.	
76	Do.	3	N. W.	Do. ...	21—12—78	
77	22—12—78	3	C. W.	Do. ...	25—12—78	
78	Do.	3	C. W.	Do. ...	22—12—78	
79	Do.	3	C. W.	Do. ...	.....	Recovered.
80	Do.	1	E. W.	Do. ...	23—12—78	
81	Do.	3	C. W.	Do. ...	Do.	
82	Do.	3	N. W.	Do. ...	.....	Recovered.
83	23—12—78	1	E. W.	Do. ..	25—12—78	
84	Do.	1	C. W.	Do. ...	24—12—78	
85	Do.	1	E. W.	Do. ...	.....	Recovered.
86	24—12—78	5	S. W.	Choolay Depôt ...	25—12—78	
87	Do.	1	C. W.	Monegar Choultry ...	29—12—78	
88	Do.	1	E. W.	Do. ...	26—12—78	
89	Do.	1	E. W.	Do. ...	.....	Recovered.
90	25—12—78	3	C. W.	Do. ...	.....	Recovered.
91	Do.	1	E. W.	Do. ...	.....	Recovered.
92	Do.	1	E. W.	Do. ...	27—12—78	
93	Do.	3	N. W.	Do. ...	26—12—78	
94	Do.	1	W. W.	Do. ...	.....	Recovered.
95	Do.	7	S. W.	Kistnampetta Depôt ...	26—12—78	
96	26—12—78	3	C. W.	Monegar Choultry ...	27—12—78	
97	Do.	1	C. W.	Do. ...	.....	Recovered.
98	Do.	1	C. W.	Do. ...	30—12—78	
99	Do.	3	S. W.	Do. ...	.....	Recovered.
100	27—12—78	7	S. W.	Kistnampetta Depôt ...	.....	Recovered.
101	Do.	1	W. W.	Monegar Choultry ...	.....	Recovered.
102	Do.	1	E. W.	Do. ...	29—12—78	
103	1— 1—79	7	S. W.	Kistnampetta Depôt ..	4— 1—79	
104	2— 1—79	1	W. W.	Monegar Choultry ...	6— 1—79	

RUBBISH DEPOTS.

The table following shows the number of carts of rubbish deposited at each Depôt throughout the year. The night soil which was separately collected was sent to Munally Depôt by boat or to Brick-kiln Depôt, Stirling's Road Depôt and Barber's Bridge Depôt. The total number of carts-load was 2,83,567 for nine months against 3,40,645 last year. The former amount of 283,567 would be proportionate to 3,78,089 for one year.

Places of Deposit.	Rubbish.	Silt.	Night soil.	Total.	Remarks.
Rubbish Shoot	17,707	536	16,979	30,804	
Coorookoo Pettah	31,169	5,397	.....	36,566	
Basin Road	21,442	7,787	.....	29,229	
Brick-kiln Road...	2,413	.....	49	2,462	
Perambore Slaughter House	757	.....	.....	757	
Amarantepooram	1,800	.....	.....	1,800	
Rope Godown Parcherry	.....	1,278	.....	1,278	
Lalagoonta Lane	.....	775	.....	775	
Low ground Wall-tax Road	.....	6,697	.....	6,697	
Wall-tax Road	.....	12,928	.....	12,928	
Ettapallium	.....	9,555	.....	9,555	
Trevelyan Depôt	243	6	.....	249	
Munally Depôt...	1,406	6	211	1,623	

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

Places of Deposit.	Rubbish.	Silt.	Night soil.	Total.	Remarks.
Tondiar Pettah Parcherry	376	.....	.....	376	
Cemetery Road	2,814	684	.....	3,498	
Dr. Fennelly's Parcherry	3,641	.....	.....	3,641	
DeMellow's Road Sewage farm ...	476	.....	.....	476	
Arrack Distillery	4,266	.....	.. ...	4,266	
Morgan's Cement Manufactory ...	1,850	.....	.....	1,850	
Basin Bridge	11,645	3,962	.....	15,607	
Brick-kiln Road...	16,153	913	2,014	19,080	
Low places in Choolay & Pursewaukum	.....	5,874	.....	5,874	
DeMellow's Road	900	4,085	.....	4,985	
Low places in 5th Division, N. W. ...	761	5,050	.....	5,811	
Do. S. W. ...	.....	276	.....	276	
Victoria Hotel	6,083	.....	.....	6,083	
Munnarsawmy Covil	.....	1,208	.....	1,208	
Sterling's Road...	.....	.....	719	719	
Deschamp's compd. in Marshall's Road	1,375	.....	.....	1,375	
Low places in Chintadrepettah ...	.....	3,521	.....	3,521	
Tank behind Big Mosque	.....	8,287	.....	8,287	
Barber's Bridge...	23,468	.....	4,710	28,178	
Chunam Tank	.....	2,706	.....	2,706	
Low places in 7th Division, S. W. ...	.....	3,362	.....	3,362	
South Beach Road	2,055	.....	.....	2,055	
Kistnapillay's Garden	.....	1,463	.....	1,463	
Triplicane Drain	.....	.....	788	788	Urine only.
Tank in Begum Sahib's Street ...	.....	4,246	.....	4,246	
Low places in 8th Division, N. W. ...	.....	3,169	.....	3,169	
St. Thomé High Road	6,296	.....	.....	6,296	
Low places in 8th Division, S. W. ...	.....	5,230	.....	5,230	
				2,83,567	

The cost of maintaining the various Rubbish Depôts and the amount recovered for rubbish sold at these and other places was as follows :—

Locality.	Expenditure.			Receipt by sale of Rubbish.		
	RS.	A.	P.	RS.	A.	P.
Munnally	2,727	7	0	1,484	0	0
Wall-tax Road	1,304	0	1			
Basin Road	987	8	8			
Barber's Bridge Road ...	827	3	7			
Cuttiwalkum	615	14	2			
Brick-kiln	289	13	3	1,860	15	0
Sterling's Road	78	7	0			
Victoria Hotel	168	11	1			
St. Thomé High Road ...	175	8	0			
Morgan's Cement Work ...	72	12	2			
Mackey's Parcherry ...	32	0	0			
Other places	143	11	7			
Kistnampett	...	...	...	61	14	0
Total Rs...	7,423	0	7	3,416	13	0

The private conservancy carts deposited at Sterling's Road near the South Indian Railway, and of late a sale has been found for the excreta at Annas 4 per cart-load for the purpose of being chemically made into manure. As these arrange-

ments were made late in the year and did not commence until after the first of January, they fail to be detailed in the report for 1879 and therefore only thus briefly referred to.

CLEANING MAIN DRAIN.

The Black Town Main Drain was cleaned in the usual manner the silt taken from it being deposited at hand where possible and on the nearest open ground where the drain runs through streets and buildings.

The total cost of cleaning the Black Town Main Drain was Rs. 2,785-8-1 and the work done was as follows:—

5,016 cart-loads buried close at hand	
6,077 „ „ removed an average of ⅓rd of a mile	
Total 11,093 cart-loads say 5,547 cubic yards, or at a cost of 8 Annas per yard.	

Last year the cost was Rs. 2,260-0-8 but at the cleaning of last year the greater portion of the carts employed were lent by the Health Department which is not now in existence.

The Triplicane Drain was cleaned in a manner similar to the Black Town Drain at a cost of Rs. 483-15-6.

LATRINES.

Latrines were as usual sanded with fresh sand when required. The number of carts-load used was 7,693.

KILLING DOGS.

The work was done as usual under the Commissioner of Police and cost Rs. 1,196-6. The dead dogs were used as food for the animals in the People's Park.

SLAUGHTER HOUSES.

The Pig Slaughter House at DeMellows Road was completed early in the year but was budgeted for in 1877-1878. The cost was Rs. 398-10-6. In March a Circular was issued that the Pig Slaughter House would be opened on 1st April 1878 and that any one slaughtering pigs at any other place would be prosecuted.

The other Slaughter Houses have been cleaned as usual daily and have been white-washed and repaired where required.

GENERAL MARKET.

The anticipated revenue from the Market stalls for the nine months ending December 1878 was Rs. 7,000. The total amount realized was

Rent of Stalls	Rs. 4,998-0-0
Petty Collections	552-0-3
	5,550-0-3

About 82 Stalls were vacant monthly during the year which accounts for the decrease in the receipts. The cost of the Establishment was for the nine months Rs. 759. The cost of repairs will be found under maintenance (Public Works).

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

OTHER MARKETS.

The following table shows the number of Private Markets existing at the end of December; no markets were discontinued or closed during the year:—

Division.	Locality.
1st Division	Adam Sahib Street. Trivatoor High Road. Narrayanappen Street. Adam Sahib Street. Ghouse Mohideenpettah. Pathalavignaeeswarer Covil Road.
2nd Do.	Govindappah Naick Street. Nattoo Pilliar Covil Street. Munnarroo Street.
3rd Do.	Parish Venkatachella Iyer Street. Audiappah Naick Street. Unkappah Naick Street.
5th Do.	Choolay Bazaar Road. Pursewalkam High Road. Seyalee Moodelly Street. Narrayana Chetty Street. Avadanum Paupiyar Road.
6th Do.	Mount Road, Thousand Lights.
7th Do.	Pycroft's Road. Triplicane High Road. Do. Aroonachella Naick Street.
8th Do.	Prasannavenoyager Covil Street. Bazaar Road, Mylapoor. Vencatachella Moodelly Street. Mount Road. Munthavalee Street. Royapettah High Road.

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

CART STANDS.

The following table (No. 1) shows the existing Private Cart Stands. The cost of maintenance and receipts for Municipal Cart Stands was, as noted in table (2).

TABLE No. 1.

Division.	Locality.	No.	Remarks.
1st	Trivatoor High Road ...	1	
2nd	Mint Street ...	1	
	Wall-tax Road ...	1	
5th	Strachan's Road ...	1	
	Sydenham's Road ...	1	
	Vathear Cunda Pillay Street.	1	
	Poonamallee Road ...	1	
	Lang's Garden Road ...	1	
6th	Codumbakum ...	1	
	Poonamallee Road ...	1	
7th	Triplicane High Road ...	1	
	Atheappah Chetty Street ...	1	
	Cooum Road ...	1	
8th	Peter's Road	1	
	Madah Church Road ...	1	

TABLE No. 2.

Division.	Locality.	Expenditure.			Receipts.			Remarks.
		RS.	A.	P.	RS.	A.	P.	
	Wall-tax Road ...	...	...	...	420	0	0	
	Stephenson Road ...	*7	10	0	525	0	0	* For repair.
	Total...	7	10	0	945	0	0	

LIGHTING.

The Lighting was done by contract as in previous years. The Contractor was Nursee Jug Jevan, and the rate per light for each lighting season which averages 20 days was Rs. 0-15-3. The rate in 1877-78 was Rs. 0-14-9.

At the beginning of the contract the work was fairly done and was, it is thought, above the average of previous years; but a great deal of trouble ensued during part of his contract by the conduct of the lamp-lighters who went so far at one time, viz., July, as to strike work, and for one or two nights the town was left unlighted.

Heavy fines had however the effect of making the Contractor exert himself and the lighting towards the latter end of his contract was satisfactory.

At the beginning of the year a new system of inspection was adopted and the town was divided among eleven Inspectors instead of having only one as in previous year. The new Inspectors were Municipal Clerks who received on an average

about Rs. 7 each per season for inspection nightly. The total cost for inspection was Rs. 80 per month, during the previous year it cost Rs. 50, but it is thought that results have fully justified the increased expenditure.

A large number of thefts of lamps took place about the time the lamp-lighters struck work, and in order to stop these, on the recommendation of the Commissioner of Police, a reward of Rs. 5 was offered for each case detected, half of it to be paid by the Municipality and half by the Contractor. Four cases were detected and the thefts became less frequent.

At the beginning of the year there were 1,786 lamps. During the year 39 new lamps were erected, making a total of 1,825.

The following table shews the location of the lamp-posts on 31st December 1878, and those which were erected during the period under report :—

Division.	Number of lamps 31-3-78	Number fixed during the year.	Total on 31-12-78.
1	122	1	123
2	350	10	360
3	313	2	315
4	66	..	66
5	298	3	301
6	110	6	116
7	316	6	322
8	211	11	222
Total...	1,786	39	1,825

The whole of the lamps were repaired, renumbered and repainted during the year and Kerosene lamps were substituted for 26 oil lamps in use at the beginning of the nine months.

There were nine lighting seasons in the nine months, the number of lamps reported on was 59,218 or 6,579 on average per season, the number of defects reported was 29,789 or 3,309 per season.

The following table shews the amount of payments to, and fines levied on the Contractor during the nine months :—

Season.	Amounts.			Fines.		
	RS.	A.	P.	RS.	A.	P.
April	1,672	5	6	441	10	0
May	1,656	2	9	392	10	0
June	1,674	4	0	392	14	0
July	1,671	2	0	1,664	13	0
August	1,673	8	4	215	15	0
September	1,677	6	0	151	13	6
October	1,691	13	5	163	14	6
November	1,703	12	0	122	3	0
December	1,716	5	6	171	3	0

Rs. 280 was remitted against his May fines and Rs. 140-13-0 against his July fines.

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

A new Contractor took charge of the lighting after the 31st December.

SEWAGE FARMS.

The Sewage Farms in operation at the end of the year were :—

1st Division.....Royapooram.
4th do .....DeMellow's Road.
5th do .....Egmore.
7th do .....Triplicane.
8th do .....Kistnampett.
„ do .....Royapettah.

The Royapooram Farm was opened in October 1878 at which time the following establishment was allotted :—

1 Maistry at.....Rs. 7
6 Gardeners..... „ 5
2 Boys..... „ 3-4

No grass from this farm was sold last year but the farm is now producing a small quantity. Egmore and Royapettah Farms which are small patches of cultivation for utilizing the contents of small open sewers which in dry weather become a nuisance in consequence of a defective outfall were given over from 1st of September 1878 to a Contractor on a contract for three years (but terminable before that date on three months' notice given by either party) at Rs. 50 and 40 per annum respectively.

The cost of working the farms and the receipts from each farm has been as follows :—

DEMELLOW'S ROAD.

	RS.	A.	P.		RS.	A.	P.
Sale of hay and grass	738	8	3	Superintendent	135	0	0
Stock on hand 28 tons, 416 lbs	845	9	4	Labour	1,105	2	9
	1,584	1	7	Carting hay to Mount	16	8	0
Deduct value of stock in hand on 31st March 1878	221	15	3	Rebuilding Superintendent's quarters	25	2	0
				Renewing country wood posts for a scale	6	12	0
	1,362	2	4	Tiles	34	8	0
Loss	16	2	7	Stores	55	4	2
	Rs. 1,378	4	11		Rs. 1,378	4	11

TRIPLICANE.

	RS.	A.	P.		RS.	A.	P.
Sale of hay and grass	898	5	9	Superintendent or Maistry	91	8	0
Stock on hand 24 tons, 515 lbs	727	5	6	Labour	716	0	4
				Carting hay to Mount	74	4	2
	1,625	11	3	Raising embankment	20	0	0
Deduct value of stock in hand on 31st March 1878	500	1	0	Removing trough and refixing the same on the north side of embankment	21	12	0
				Sundries—Stores	42	0	0
				Profit	160	1	9
	Rs. 1,125	10	3		Rs. 1,125	10	3

KISTNAMPETT.

	RS.	A.	P.		RS.	A.	P.
Sale of hay and grass	2,050	4	4	Superintendent	135	0	0
Stock on hand 32 tons, 1,892 lbs	985	5	5	Labour	1,274	0	5
				Carting hay to Mount	158	0	4
	3,035	9	9	Rebuilding Superintendent's quarters	59	5	0
Deduct value of stock in hand 31st March 1878	394	8	2	Supplying and fixing Picottah	30	10	4
				Tiles	42	8	0
				Stores	143	14	4
				Profit	797	11	2
	Rs. 2,641	1	7		Rs. 2,641	1	7

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

EGMORE.

	RS.	A.	P.		RS.	A.	P.
Receipts	149	5	6	Labour ...	101	8	0
				Sundries ...	16	2	0
				Carting manure ...	4	0	0
				Rs...	121	10	0
				Profit...	27	11	6
	149	5	6	Rs...	149	5	6

EXTENSION OF TRIPLICANE FARM.

The amount of sewage coming down from Triplicane Farm has always been large. In March last the Government intimated that there was no objection to the land lying to the east of Canal and north of the Hindu Burial Ground being raised with inoffensive sweepings and utilized as part of the farm. This was done and grass is now beginning to grow on some parts of the ground thus raised. A picottah was erected to lift the sewage from the east syphon on to this land and latterly another picottah has been erected for raising sewage on to a portion previously in the possession of the Municipality to the north of the Triplicane Nullah.

The following table shows the cost of the extension thus made :—

Description.	Amount.		
	RS.	A.	P.
For Land ...	320	0	0
Levelling and Sectioning ground.	85	10	5
Constructing retaining wall ...	19	0	0
Lying tiles on new ground ...	67	1	3
Supplying tiles ...	302	4	0
Putting up a bund ...	7	8	0
Constructing Picottah ...	38	8	11
Preparing beds, &c ...	95	3	9
Sundries ...	12	6	3
Rs...	948	10	7

FIRE ENGINES.

Special attention was directed during the year to the efficiency of the Fire Engines.

A fire occurred in Popham's Broadway in the shop of Gopalakistnamah Chetty which might have led to serious results, but owing to the stillness of the night when it occurred the fire reached no other premises than those mentioned. This fire led to some observation and suggestion by Major Balmer, the then Commissioner of Police, and the Fire Code Committee was ordered to assemble, which it did, and suggested the following improvements which were sanctioned by Government in their Order No. 1,739, Judicial Department, dated 26th August 1878

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

"The President of the "Fire Code" Committee submits with his letter the result of the deliberations of the Committee on the papers referred for its consideration in Government Order dated 27th May 1878, No. 1,099. Briefly stated the Committee propose.

(*a*). That the fire Engines belonging to the Municipality should be kept in future at the Central Police Stations of the Divisions in which they are located.

(*b*) That a truck be kept with each Engine, with an escape ladder, fire-axes, &c.

(*c*). That a certain number of coolies living in the immediate neighbourhood of Central Police Stations be occasionally practised in working the Engines, a Nominal Roll of the coolies being kept at the Station.

(*d*). That additional lengths of hoses be supplied, and the number of hydrants increased in localities where there is valuable property.

(*e*). That two crowbars and two ship's lanterns be added to the List of articles to be kept with each Engine.

(*f*). That ball hydrants be abolished, and that hydrants with one orifice of sufficient size for supplying water to Fire Engines be substituted.

(*g*). That fire escape ladders of the pattern in the Municipal Office be added to the equipment of every Engine belonging to the Municipality.

(*h*). That the Master Attendant be provided with a Fire Engine for service in case of fire on board of shipping in the roads.

2. His Grace the Governor in Council approves and sanctions the Committee's proposals, and desire that the Acting President of the Madras Municipal Commission be requested to carry out the proposals so far as they relate to the Municipality.

3. The Master Attendant will submit an estimate of the cost of a Fire Engine, with the necessary articles for sanction.

4. The thanks of the Government will be conveyed to the Committee for their report."

All the engines are now at or close to Police Stations except the one at the Municipal Office which the Commissioners have decided to retain.

The trucks with escape ladders are now under manufacture at the Workshop; the crowbars and lanterns have been supplied, the ball hydrants have all been moved into one place (Mount Road), and other hydrants can now be substituted for them by degrees. Large hydrants for the Steam Fire Engines are now being manufactured in England.

Major Balmer had also a proposition for having trained a certain number of coolies who lived in the vicinity of each engine so that they would be always ready in case of fire, but I am not aware if this proposition has been carried out.

The Fire Engines are now located at

Municipal Office	1
Elephant Gate near Police Tannah	1
Vepery Central Police Station	2
Triplicane, Venkettasamy Naidoo Market	1
Mylapore, Kutcherry Road near Tannah	1

The fires which occurred during the nine months ending 1878 were as follows :—

Date.		Division.	Ward.	Name of Street.
1878				
April.	2	1	Centre.	Cemetery Road.
"	24	3	South.	Popham's Broadway.
June.	10	1	North.	Cacathope Parcherry, Washermenpett Esplanade.
"	14	3	do	Maduravasen Street.
July.	5	1	Centre.	Cemetery Road.
"	6	3	North.	Third Line Beach.
October.	24	7	South.	Sevaramen Street.
December.	23	8	do	Veerasithy Venoyager Coil Street.
"	24	5	Centre.	Rundall's Road.

BURIAL AND BURNING GROUNDS.

During the year a new burial ground was bought in Shaik Maistry Street in the 1st Division. The area is 1 cawnie, 11 grounds and 875 square feet. The ground had been previously purchased by Mr. Ramalinga Pillay, Commissioner of the 1st Division, and was made over by him to the Municipality at the same rate as he paid for it. A new burial ground at Nungumbaukum was formed at a cost of Rs. 346. The land was given by Government, see G. O. of 27th September 1877, No. 2,397. Its extent is 4 cawnies, 15 grounds and 70 square feet.

All burial and burning grounds were maintained with the same establishment as in previous years.

APPENDIX IV.

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

PUBLIC WORKS.

The allotment at the beginning of the year for Public Works for the nine months under review were as follows :—

	RS.	A.	P.
New Works	11,498	0	0
Improvements	12,736	0	0
Maintenance	1,30,957	0	0
Total Rs...	1,55,191	0	0

These amounts and the expenditure against them stood at the end of the years as

	RS.	A.	P.
New Works	12,695	15	7
Improvements	8,276	6	10
Maintenance	1,32,386	7	9
Total Rs...	1,53,358	14	2

LATRINES.

Table No. 1 shows the position and cost of each latrine erected during the year. It is only necessary to call attention to that at Vasapamode Parcherry which will be done in alluding to the improvements there made.

EXTENSION OF WORKSHOP.

This consisted of a Store-room for tools, materials in use and an Office for the Foreman, and has resulted in a great improvement. The amount as originally budgeted was Rs. 722, but the additional accommodation cost only Rs. 693-4-4, and an Extra Estimate amounting to Rs. 33 was sanctioned for removing the old masonry in front of the old Store-room giving increased space for workmen, and this made the total 726-4-4 or Rs. 4-4-4 increase on the original sanction.

NEW SHED FOR STORES.

This has also been erected and used for valves and such of the larger stores as require special covering from the rain.

DUST BINS.

The various streets and divisions in which these have been erected are detailed in full. At the end of the year a statement was made of the extra number of Dust Bins still required within Municipal limits so that they should be at distances from one another such as the public could be expected to travel. The statement shows that 1,402 are required in the North Range and 1,574 in the South and the cost of erecting these would probably amount to Rs. 20,832. Some provisions should be made as early as possible to meet this urgent want otherwise the people cannot be severely blamed for throwing dust on the streets though they render themselves open to prosecution for so doing.

NEW BURIAL GROUND AT NUNGUMBAUKUM.

This ground was formed and fenced during the year 1877-78 but not paid for until the year under review. It was opened in January 1878.

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

NEW DRAINS.

The position extent and cost of the drains are given in Table 4. The drainage in Cutchaleeswarem Agrarum has been radically improved. The drain in Ice House Road (east end) diverts more Sewage into the Kistnampet farm, several drains have still to be led into this new drain. The lotal length done on estimates of the year was 4,513 feet and the cost Rs. 2,923-6-10.

ROYAPOORAM SEWAGE-FARM.

This farm was laid out on ground previously raised by road-sweepings, &c., for the purpose of utilizing the sewage which flowed into a tank at the corner of Cemetery and Monegar Choultry Road. The sewage chiefly comes from the Tinnevelly Settlement. The cost has been as detailed below. The ground on which the farm is, will ultimately be included in the Robinson Park. Already crops of grass are being taken from the farm and so soon as a regular supply can be depended on there will be a greater demand. The usual great obstacle of course exists at this farm and this is that in dry hot weather when the grass needs most sewage there is less to give and *vice versâ* in the cold season.

	RS.	A.	P.
Superintendent...	60	0	0
Labour	529	15	9
Making Channel	776	5	11
Sundries	9	13	10
Total Rs...	1,376	3	6

IMPROVEMENTS.

PARCHERRIES.

The amount originally budgeted for Parcherries was Rs. 11,370. The estimates amounted to Rs. 5,895-9-2 for Eadgah Mosque and Rs. 4,012-0-0 for Vassapoomode Parcherry.

Eadgah Mosque Parcherry is near the northern end of Ungappah Naik Street and to the East of it, and was a collection of huts built in a hollow between the streets which surrounded it—naturally no sewage could escape from it and it was unfit for habitation. The original estimate was, for clearing it totally away from the ground, then levelling and raising the ground to a proper height so that the site could again be utilized for building. The former intention was carried out but not the latter. The following extract from the Monthly Report for the months of April and May 1878.

"All the huts except one, have been removed and the ground is now being levelled without raising it. On calling for tenders for the raising of the ground according to the plan sanctioned the lowest tender exceeded the estimated cost by Rs. 2,400. The contractors considering the rate of As. 6 per yard allotted, too low, and it was also found after the removal of the huts that the quantity of earth-filling required was more than had been estimated. I would advise therefore that this work be done by shooting dry rubbish as opportunity offered. The nuisance has been removed and there is now therefore no immediate necessity for raising the land."

VASSAPOOMODE PARCHERRY.

This Parcherry which has been for years one of the hotbeds of disease has been made almost as respectable as a Parcherry can be from a sanitary point of view. Two new streets have been opened out which now gives a broad street on

all sides. Many houses have been removed the ground has been levelled existing streets were widened, metalled and drained throughout the Parcherry to carry the sewage from the individual houses. The modus operandi in which all this was effected was as follows :—A plan was made of the then existing buildings, streets, &c., new streets and drains were laid out and an estimate prepared. Notice was given under the Act to the owner to execute the work as shown in plan and estimate—none of the owners did so and the work was undertaken by the Municipality at their expense, some works fell to be defrayed by the Municipality and could not be recovered as not affecting the owners. Of the remaining cost some has been recovered and some is yet unrecovered but eventually it is hoped it all will be so.

The accounts for each Parcherry are as follows :—

Edgah Mosque Parcherry.

To compensation to owners for removing huts, &c., (97 huts) Rs...1,515-10-6.
Levelling Ground, &c. ... ... 86- 7-2.

Vassapoomode Parcherry.

RECEIPT.	RS.	A.	P.	DISBURSEMENT.	RS.	A.	P.
By amount recovered from Mr. Cunniah Chetty for work done	194	15	1	Dr. Fennelly for land for new Street ...	622	12	9
Yagathaummen Pagoda...	488	15	10	Compensation to Hut Owners ...	192	12	6
		—	—	Cost of new Boundary Wall... ...	981	1	6
Total Rs...	683	14	11	„ of Street Drains Sq. Feet 1,221 ...	667	5	0
				„ of Tile Branch Drains 2,983 ...	592	14	2
				Levelling Charges	161	15	6
In process of recovery.							
Cumbum Rungasamy	211	9	5				
E. Sabapathy Moodelly	32	3	3				
T. Sabapathy Moodelly	5	1	4				
Moothoo Ummall	20	2	6				
Hakeem Bacha Saib	80	8	9				
Thyummall	116	0	5				
Vadvalingum Moodelly	257	6	0				
Total Rs...	722	15	8	Total Rs...	3,218	13	5

As before stated the original estimate was Rs. 5,895-9-2. The work was done for Rs. 3,218-13-5 of which Rs. 683-14-11 has already been recovered but Rs. 1,406-14-7 will probably be recovered in all, so that the total ultimate cost of the improvements will be only Rs. 1,811.

During the improvements and looking to the fact that a great improvement could be made by the removal of some houses which though not of the parcherry were in it and faced Ummen Covil Street and to the small amount spent in Eadgah Mosque it was deemed advisable to remove these houses. The land and houses were taken under the land acquisition act at a cost of Rs. 3,156-2 2. The materials of the houses were sold at Rs. 640-12-0 and part of the land at Rs. 170. The net cost of these houses and lands were Rs. 2,345-4-2 and this must be added to the total expenditure on Parcherries.

Any one who knew Vasapoomode before its improvement and after it, would say that Rs. 1,800 had been well spent.

There are about 180 Parcherries in Madras and I believe that an average Municipal expenditure of Rs. 1,000 on each would make our Parcherries what

they should be, well ventilated and well drained. This is Rs. 1,80,000 and as Parcherries are usually the birth places of all epidemics, the good of it would be felt by every inhabitant.

There is still another point to which attention is to be drawn and that is to the reconstruction of the latrine. The expenses of this has not been charged to improvements of Parcherries but as its reconstruction is intimately connected with the other improvements it is here referred to.

Before it was one of the foulest smelling latrines in the town, now the nuisance is practically nil and as it was the first constructed in the city on the water principle it was somewhat of an experiment. It has answered its purpose well, it suits Native practices while on an European principle. It is in principle somewhat like MacFarlanes patent but is built of brick and cement and flushed two or three times daily.

CONNECTING VENCATASA NAIK STREET WITH UMMEN COVIL STREET.

The next improvement budgeted for in the estimate was the above. The work was completed during the year and the account stands as follows.

Compensation to C. Cundappah Chetty and Loganada Moodelly for a piece of land and building	252	12	1
Cost of erecting culvert	19	3	1
„ Tile Drain	31	12	4
Compensation unpaid	65	1	2

The compensation which is unpaid is so, owing to disputed ownership.

GENERAL MARKET.

The improvement made was the placing of a zinc covered verandah on the West side of the centre gangway, to protect the western stalls from the morning sun at a cost of Rs. 636-2-1.

MAINTENANCE.

Tables No. 4 to No. 15 show in detail the amount spent on the maintenance of Buildings, Roads, Fences, &c.

BUILDINGS.

General repairs were executed at all the Slaughter Houses and at the General Market. Latrines were repaired as detailed. The Chetty's garden latrine was altered similarly to that in Vasapoomode Parcherry. The Office premises were repaired at the end of December during the Christmas Holidays. The store yard wall was increased in height and new gates put at the entrance and tends to the greater security of the Stores. No other item under this heading calls for attention.

ROADS.

Table No. 10 shows the amount spent on each road in detail. The following table shows the total cost of work done up to 31st December (work done and unpaid). It also shows the amount paid from the reserve fund for work done during the year on work sanctioned against the Budget grant for 1877-78 or for work which were paid for during the year against that Budget.

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

		RS.	A.	P.	RS.	A.	P.
1.	Amount paid for work done on Estimate of 1878 during the year...	83,337	7	3	...	...	...
2.	Do. unpaid do. do. ...	7,485	2	1	...	...	...
3.	Do. paid for work done 1878 on Estimates 1877-78...	...	...	...	3,277	9	1
4.	Do. ,, do in 1877-78 on do. do. ...	...	...	...	2,359	4	10
5.	Do. ,, for levelling, &c., in 1878 on do. 1878...	1,133	13	0	...	...	...
6.	Do. unpaid do. do do. ...	29	1	10	...	...	...
7.	Do. paid for materials used during the year for emergent repairs.	8,800	8	9	...	...	...
8.	Do. unpaid do. do. do. ...	2,659	10	9	...	...	...
9.	Do. paid for labour and sundries do. ...	5,559	1	3	...	...	...
10.	Do. unpaid do. ...	935	14	11	...	...	...
11.	Do. paid for materials used in 1877-78 ...	...	...	...	3,693	7	6
12.	Do. do. for labour and sundries ...	..	...	...	358	14	11
13.	Do. do. land purchased ...	876	0	0	...	...	...
14.	Do. do. on account of widening Railway Crossing Gates	743	0	2	...	...	...

As above the total for 1878 is Rs. 1,14,837-5-1 and the total of Items Nos. 1, 2 and 3 is Rs. 94,100-2-5. The quantity of work done for this latter amount is as under :—

Thickness.	Number of squares of 100 square feet.	Length.		
Inch		Miles.	F.	Yds.
2	500	...	7	126
3	1,173·71	1	4	181
4	33,169·60	37	5	13
5	929·05	...	4	209
6	2,915·98	2	...	195
Total	38,688·34	42	7	64

This gives a rate per square of Rs. 2-6-11 against Rs. 2-5-7 for last year (1877-78) and per mile Rs. 2,188-6-0 against Rs. 2,188. This increase in cost is due to the average breadth of Roads reformed and to a greater percentage of granite roads being reformed.

Again referring to the first table under this head the total of items 5 to 10 is Rs. 19,118-8-6 and this amount has been spent in maintaining 228 miles of roads. There were 43 miles of roads reformed within the year and this length reformed is deducted from the total length of roads under maintenance as the amount spent for repairs on newly reformed roads is probably small.

The cost per mile for maintenance not including reforming is therefore about Rs. 84 per mile. Table No. 11 shows the cost debited to Contractor for keeping the liability Roads under repair, this does not include the amount spent by Contractors themselves.

Table No. 12 shows the quantity of materials used by the Overseers in each Division during the year with the cost thereof.

Table Nos. 13 and 14 shows the number of squares of each depth laid down.

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

New contracts ending December 1879 were given from 1st April 1878 to the following parties for the division under-noted :—

1st and 3rd Division Y. Moonoosamy Moodelly.
2nd, 4th and 5th Division C. Veerasamy Pillay and Ramasamy Pillay.
6th, 7th and 8th Division P. Ellyalwar Naidoo.

MAINTENANCE OF DRAINS.

The amount budgeted for was Rs. 3,000 for Screw Pile Drain and Rs. 2,000 for other drains.

The details of the Rs. 2,000 are shown in table No. 15.

The items calling for remark are these :—

Rs. 177-7-0 were spent in connection with a diversion of sewage which used to stagnate and is now led on to a small piece of land in the Royappettah High Road.

The water-courses near the Cooum in Græme's Road, were thoroughly repaired and also the long drain with the parapet wall leading along Mackay's Parcherry along the same street. The work in Waller's Road drain was similar.

In Kelly Street the drain was thoroughly repaired, a tile drain was put in the bottom and the sides of the drain repaired.

SCREW PILE DRAIN.

The Engine did not work during the nine months (April to December) as the accumulation of sand at the mouth prevented it doing so, but a slow fire was kept up to burn the gas from the drain and the Engine was kept in repair.

MISCELLANEOUS.

The following tables appear at the end of this Appendix IV.

No. 17—Shewing Revenue collected by this Department.
„ 18.—Number of Markets, Depôts and offensive Trades licensed during the year and the receipts therefrom.
„ 19.—Particulars of lands sold.
„ 20.—Number of Notices served.
„ 21.—Number of Prosecutions.

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

TABLE No. 1.

Table showing the number of new Latrines constructed and altered.

		RS.	A.	P.
Cost of the alterations in the old Latrine, Vasapoomode Parcherry ...		852	12	5
Tiles issued for a Latrine in Vassapoomode Parcherry ...	221 7 2	264	0	4
Fixing do. do. ...	42 9 2			
Cost of constructing Male and Female Latrine Basin Bridge Road ...		353	0	0
Do. do. at Nyneappah Naick Garden and one at North of General Cemetery Road, Washermanpettah		353	0	0
Do. a Latrine at Soobroya Chetty's Garden, Thumboo Chetty's Street ...		100	2	0
Do. Male and Female Latrine in Wall-tax Road		290	13	7
Do. Temporary Male Latrine at Motan Coopum		35	0	0
Do. do. in Simon Parcherry		114	0	0
Stores and Sundries		148	14	6
Rupees...		2,547	10	10

TABLE No. 2.

Table showing the number of Dust Bins constructed and the amount spent on them.

Division.	Ward.	No. Erected.	Amount.			Divisional Total.			
						No.	Amount.		
			RS.	A.	P.		RS.	A.	P.
First ...	East ...	2	11	1	7				
	Centre ...	105	575	13	7				
	West ...	28	270	...	...	135	856	15	2
Second ...	North ...	...	...	...	...				
	Centre ...	109	523	7	...				
	South ...	...	...	...	...	109	523	7	0
Third ...	North ...	63	358	1	7				
	Centre ...	3	12	1	8				
	South ...	1	5	2	7	67	375	5	10
Fourth ...	.. ...	...	...	...	...	...	...	...	...
Fifth ...	North ...	40	249	12	9				
	Centre ...	61	344	15	5				
	South ...	58	346	6	3	159	941	2	5
Sixth ...	North ...	...	...	..	...				
	South ...	...	...	...	...	...	...	...	...
Seventh ...	North ...	152	878	15	0				
	Centre ...	52	288	14	9				
	South ...	...	...	...	...	204	1,167	13	9
Eighth ...	North ...	...	...	...	...				
	South ...	1	4	9	8	1	4	9	8
	Total...	675	3,869	5	10	675	3,869	5	10
	Stores and Sundries...	...	35	0	0		35	0	0
			3,904	5	10		3,904	5	10

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

TABLE No. 3.

Table showiug the number of Dust Bins that are required to be constructed.

Division.	Ward.	No.	Amount.
			RS.
1st ...	East ...	154	
	Centre ...	188	
	West ...	82	
2nd ...	North ...	261	
	Centre ...	109	
	South ...	191	
3rd ...	North ...	187	
	Centre ...	56	
	South ...	56	
4th ...	---	118	
		1,402	9,814
5th ...	North ...	247	
	Centre ...	186	
	South ...	48	
6th ...	North ..	134	
	South ...	178	
7th ...	North ...	39	
	Centre ...	66	
	South ...	135	
8th ...	North ...	203	
	South ...	338	
		1,574	11,018
	Grand Total...	2,976	20,832

TABLE No. 4.

Table showing the streets that were provided with new drains with cost.

Length.	Description and Place.	Amount.		
Feet.		RS.	A.	P.
496	Constructing tile drain in Byram Sing Bahadoor Street, General Patter's Road	96	2	5
28	do Two Cross drains Bodebegum Street, Thousand Lights...	40	11	4
234	do a cover drain Rayappen Street, Vasapoomode Parcherry	154	5	4
50	do Cross drain in Condy Chetty Street	49	3	5
640	do Side drain in Cutchaleeswarer Agrarum Street ...	455	2	8
1,100	do do Ice House Road	1,223	13	9
365	do Tile drain Ummen Covil Street	179	15	8
20	do a Culvert do	19	13	3
14	do Cross drain and two Culverts, Narayanapah Naick's garden	13	12	7
	do Cesspit south-west angle of Avadanum Paupier's Road.	46	0	1
1,538	do side tile drain in Vencatasa Maistry Street	632	8	3
28	do do Madah Church Street, Royapooram ...	11	14	1
	Total Rupees ...	2,923	6	10

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

TABLE No. 5.

Table showing the Slaughter Houses that were repaired.

	RS.	A.	P.
Repairing Monegar Choultry Slaughter House	665	2	3
Do Choolay do	355	0	0
Do Perambore do	181	0	0
Do Flooring of Pig Slaughter House	7	13	8
	1,208	15	11

TABLE No. 6.

Table showing the repairs made to the General Market.

	RS.	A.	P.
Weather Boards for fixing over the door and windows	37	3	6
	37	3	6

TABLE No. 7.

Table showing the Latrines that were repaired.

	RS.	A.	P.
Repairing Male and Female Latrine at Mackay's Parcherry	72	1	1
Do. two Male Latrines in Munarsawmy Covil, Mount Road ...	81	2	5
Do. Female do. do.	39	13	4
Cost of fixing Zinc enclosure in lieu of Mats to the Latrine in Trevelyan Basin Depôt	99	8	6
Repairing Male Latrine in Vencatasa Pillay Street	67	1	0
Do. do. in Vencata Graminy Street, Cooum Road ...	53	3	0
Cost for the alteration proposed in the old Male and Female Latrine at Chetty's Garden, Triplicane...	241	0	0
Repairing Latrines in 9 streets at Chintadrapet	555	3	4
Do. Male Latrine in Sanad Street near Powder Mills	16	10	0
Plastering Male and Female Latrine at Chetty's Garden...	33	9	8
Repairing Male Latrine in St. Thomé High Road...	43	10	0
Do. Male and Female Latrine in Domingo Coopum, St. Thomé ...	57	9	5
Do. do. do. Perambore Chucklypolliem ...	46	5	4
Do. do. do. Slaughter House	78	0	0
Do. Latrine Cemetery Road, Washermanpettah	138	1	10
Do. Temporary Latrines in 8 Divisions	93	1	0
Do. do. 2 Male and Female Latrines in 5th Division ...	65	6	0
Do. do. 2 do. 1st do. ...	45	3	0
Do. do. 1 do. opposite screw pile drain...	30	12	0
Do. do. 4 do. in 4th Division	62	0	0
Do. of Buckets of the Latrine at Coopum South Beach Road ...	8	0	0
Do. 2 Male and Female Latrines in 1st Division	17	10	0
Erecting a screen wall the entrance of which was converted into a Latrine	12	12	3
Repairing tatty Latrine in Codumbakum Road	12	0	0
Do. do. Male roof of the Latrine at Mattan Coopum ...	8	5	5
Do. Female do.	7	14	0
Do. 3 Cisterns do.	3	0	0
Do. 1 Well Karakatha Covil Parcherry	2	0	0
Do. 1 Cistern in Madancoopum	1	8	0
Do. Female Latrine in Basin Road...	10	0	0
Do. Soobroya Chetty's land	9	15	0
Do. Basin Road	9	4	0
Do. in 6th Division	19	8	0
Do. Vasappoomode Parcherry	8	14	0
Raising platform of a Latrine in 5th Division	10	12	6
Do. in Moothoogramaiy Street	6	7	6
Sundries	3	7	0
Total...	2,050	10	7

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

TABLE No. 8.

Table showing the repairs, &c., done to Office Premises.

	RS.	A.	P.
Repairing staircase	16	4	2
Do. and whitewashing Western Bungalow	29	0	9
Erecting a Tatty shed for do.	48	12	6
Enclosing the Verandah at the North West of Office	146	0	0
Repairing Watching Room and the gate of the Trevelyan Cart Depôt ...	16	8	2
Fixing Cross Iron Bar and repairing a shelf, &c.	14	8	0
Supplying Bamboo Mats	19	0	5
Do.	8	1	9
Whitewashing Screen	1	7	6
Fixing shelves in Distraining Office Room	23	13	0
Total...	323	8	3

TABLE No. 9.

Table showing the number of Dust Bins repaired.

	RS.	A.	P.
Repairing 10 dust boxes in Popham's Broadway	28	9	1
Do. 15 Linga Chetty Street	41	3	9
Do. 3 do.	9	15	8
Do. 7 Kabaleeswarer Covil Street Do. 1 Sunnady Street Do. 1 Sirkoor Moolk Delar Jung Bahadoor Street	9	0	0
Do. 3 Kishnasawmy Covil Street	7	8	5
Do. 2 Aucharappen Street	7	0	7
Do. 1 Moothoomarry Street	5	0	2
Do. 2 Gosha Saib Lane	3	2	1
Removing 1 and refixing St. Thomé High Road	1	0	0
1 Do. Wood's Road	1	0	0
Total...	113	7	9

TABLE No. 10.
MAINTENANCE OF ROADS.

Statement of works completed during 1878 *from April to December.*

Estimate Number.	Division.	Name of Roads.	Amount of Estimate.			Amount of Bill.			Amount paid during the year.			Amount not paid.			Length.			Breadth.	Thickness.	Squares.
1878			Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	M.	F.	Yds.	Ft.	In.	
11	1st	Forming centre of Vurdaraja Peroomall Covil Street, from Goombalammen Covil Road to Trivatoor High Road	221	8	4	221	8	4	221	8	4	...	...	...	...	1	84	12	4	110·76
30	...	Reforming centre of Cemetery Road, from Trivatoor High Road to Munnarsawmy Covil Street	1,218	0	0	1,218	0	0	1,218	0	0	...	...	...	...	5	120	15	4	609·
31	...	Do. Culmuntapum Road, from Gollawar Agrarum Road to Munnarsamy Covil Street	328	12	10	328	12	10	328	12	10	...	...	...	...	2	16	12	4	164·40
33	..	Do. Bauboo Moodelly Street, from Sunjywaroyen Covil to Gollawar Agrarum Street	88	1	4	88	1	4	88	1	4	...	...	...	...	...	186	10	3	56·
41	...	Do. Cemetery Road, from Munnarsamy Covil Street to West side of Madah Church Road	252	9	11	252	9	11	252	9	11	...	...	...	...	1	45	15	4	126·31
42	...	Do. Vurdarajah Peroomal Street forming bed with Brick Jelly	151	2	3	151	2	3	151	2	3	...	...	...	...	1	84	12	3	110·76
46	...	Forming Roadway along East Canal Bank, from Munnally Bridge to New Wooden Bridge	213	7	2	213	7	2	213	7	2	...	...	...	...	1	100	...	4	129·60
54	...	Reforming centre of Monegar Choultry Road, from the Town Wall to the Railway Crossing	699	3	0	699	3	0	699	3	0	...	...	...	...	1	140	22	4	237·60
68	...	Do. East of Railway Terminus Road, from Clive's Redoubt to the North of Railway	1,271	4	0	1,271	4	0	1,271	4	0	...	...	...	...	4	...	30	4	432·
102	...	Do. Centre of Basin Bridge Road, from Mint Gate to Basin Bridge	2,264	6	7	2,264	6	7	2,264	6	7	...	...	...	...	4	10	30	4	769·50
2	2nd	Do. Ramanen Street from Audeappah Naik Street to Wall-tax Road... ...	968	12	0	1,003	12	0	1,003	12	0	...	...	...	...	1	201	20	6	250·
3	...	Do. Centre of Audeappah Naik Street from Annahpillay Street to Woothoocota Ummen Covil	1,669	10	0	1,669	10	0	1,669	10	0	...	...	...	...	2	162	20	6	361·
55	...	Do. General Hospital Gate Road, Eastern Slope from Bridge to Wall-tax Road	378	0	0	378	0	0	378	0	0	...	...	...	...	1	140	40	4	144·
64	...	Do. China Bazaar Street, from Mint Street to Vardamootheappen Street ...	740	14	6	740	14	6	740	14	6	...	...	...	...	1	154	25	4	282·25
65	...	Do. Mint Street from Ummen Covil to Mint Gate	935	12	6	935	6	0	935	6	0	...	...	...	...	4	3	20	4	530·
66	...	Do. Wall-tax Road, from Rassappah Chetty Street to General Hospital Road	1,233	12	0	1,233	12	0	1,233	12	0	...	...	...	...	2	150	25	4	470·
		Carried over...	12,635	4	5	12,669	13	11	12,669	13	11	...	...	...	4	6	55	..	...	4,783·18

MAINTENANCE OF ROADS—(continued).

Statement of works completed during 1878 *from April to December.*—(continued.)

Estimate Number.	Division.	Names of Roads.	Amount of Estimate.			Amount of Bill.			Amount paid during the year.			Amount not paid.			Length.			Breadth.	Thickness.	Squares.
			Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	M	F.	Yds.	Ft.	In.	
		Brought forward...	12,635	4	5	12,669	13	11	12,669	13	11	...	...	...	4	6	55	...	...	4,783·18
67	2nd	Reforming Nyneappah Naik Street, from China Bazaar Street to China Bazaar Esplanade Road	342	8	6	342	8	6	342	8	6	...	...	...	...	2	61	12	4	194·
73		Do. Vurdamootheappen Street, from China Bazaar Street to Annah Pillay Street	393	3	3	390	3	3	390	3	3	...	...	...	...	2	47	15	4	221·
74		Do. Do. from Annah Pillay Street to Tauthamootheappen Street..	137	11	6	137	11	6	137	11	6	...	...	...	...	...	215	12	4	78·
75		Do. Narryana Moodelly Street, from China Bazaar Street to Annah Pillay Street...	378	11	7	378	11	7	378	11	7	...	..	...	...	2	153	12	4	214·50
76		Do. General Moothia Moodelly Street, from China Bazaar Street to Ramanen Street	173	14	7	173	14	7	...	...	...	173	14	7	...	1	103	10	4	98·50
78		Do. Ponnappah Chetty Street, from Wall-tax Road to Mint Street	236	9	6	236	9	6	236	9	6	...	...	...	...	1	115	12	4	134·134
89		Do. Moollah Saib Street, from Theroopully Street to Annah Pillay Street ...	128	0	1	128	0	1	128	0	1	...	...	...	...	1	20	10	4	72·50
90		Do. Trevelyan Basin Street South, from Wall-tax Road to Basin Street East	172	10	9	172	10	9	172	10	9	...	...	...	...	1	63	12	4	97·80
91		Do. Theroopully Street, from Mint Street to Wall-tax Road	357	8	7	357	8	7	357	8	7	..	...	..	..	5	3	12	4	202·50
92		Do. Trevelyan Basin Street, East, from Annah Pillay Street to Ramanen Street	197	12	0	197	12	0	197	12	0	...	...	...	...	1	13	15	4	112
93	...	Do. of Second Narayanen Street, from Mint Street to Seven Wells Street	145	10	7	145	10	7	145	10	7	...	..	...	...	1	...	12	4	82·50
94	...	Do. Big Parcherry Street from do. do ...	230	8	0	230	8	0	230	8	0	...	...	...	...	1	53	15	4	130·55
96	...	Do. Oyaloor Moothia Moodelly Street, from Ummen Covil Street to Cooppier Street.	146	3	1	146	3	1	146	3	1	...	...	.	...	...	216	12	4	82·80
105	...	Do. Yagambara Eswarer Agraarum Street, from Mint Street to Mint Street...	252	10	7	252	10	7	252	10	7	...	...	...	...	1	160	12	4	143·10
120	...	Do. Peddoo Naick Street, from Nyneappah Naick Street to Mint Street...	89	2	7	89	2	7	89	2	7	...	...	...	...	...	100	15	4	50·50
122	...	Do. Moollah Saib Street, from Theroopully Street to Ummen Covil Street...	137	11	6	137	11	6	...	...	..	137	11	6	..	1	37	10	4	78·
124	...	Do. Nattoopillar Covil Street, from Ummen Covil Street to Annapillay Street	332	10	4	332	10	4	332	10	4	...	...	...	...	2	45	12	4	188·40
125	...	Do. St. Xavier Street, from Seven Wells Street to Portuguese Church Street	108	9	2	108	9	2	...	...	...	108	9	2	...	...	164	12	4	61·50
		Carried over...	16,597	0	7	16,628	10	1	16,208	6	10	420	3	3	8	3	83	...	...	7,025·33

MAINTENANCE OF ROADS—(continued).

Statement of works completed during 1878 *from April to December.*—(continued.)

Estimate Number.	Division.	Name of Roads.	Amount of Estimate.			Amount of Bill.			Amount paid during the year.			Amount not paid.			Length.			Breadth.	Thickness.	Squares.
			Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	M.	F.	Yds.	Ft.	In.	
1878		Brought forward ..	16,597	0	7	16,628	10	1	16,208	6	10	420	3	3	8	3	83	...	...	7,025·33
127	2nd	Reforming Devaroya Moodelly Street, from China Bazaar Street to China Bazaar Esplanade Road	945	8	0	945	8	0	945	3	9	...	...	...	...	1	162	20	6	244·
123	...	Do. Erroosappah Maistry Street, from do. do. ...	135	3	0	135	3	0	135	3	0	...	...	...	...	...	87	15	4	51·50
12	3rd	Do. Jaffer Serong Street, from Arbuthnot's Lane to Narayanappah Naick Street	225	1	10	225	1	10	225	1	10	...	...	...	...	...	170	15	4	76·50
13	...	Do. Mercarlubbay Street, from Kistnasawmy Covil Street to Sultan Street ..	105	9	7	105	9	7	105	9	7	...	..	...	...	...	143	12	4	52·80
14	...	Do. Jones' Lane from Semboodoss Street, to Popham's Broadway	119	15	5	119	15	9	119	15	5	...	...	...	...	..	88	18	4	34·43
15	...	Do. Tucker's Lane, from do. do.	109	12	1	109	12	1	109	12	1	...	...	...	...	..	83	12	4	31·50
17	...	Do. China Bazaar Esplanade Road, from North Beach Road to Jemadars Tannah...	3,922	12	2	3,922	12	2	3,922	12	2	...	...	...	...	5	33	25	6	902·
18	...	Do. Gooroovappen Street, from Woodundee Lane to China Bazaar Street ...	321	0	0	321	0	0	321	0	0	...	...	...	...	1	73	15	4	160·50
19	...	Do. Centre of Malaperoomall Street from Annapillay Street to China Bazaar Road	332	0	0	332	0	0	332	0	0	...	...	...	...	2	6	12	4	166·
20	...	Do. Buddriah Street from Woodundee Lane to China Bazaar Road	249	12	10	249	12	10	249	12	10	...	...	...	...	1	103	12	4	124·90
21	...	Do. North Beach Road from Arbuthnot's Lane to do.	2,136	6	6	2,136	6	6	2,136	6	6	...	...	...	...	3	147	30	4	726·
28	...	Do. Moor Street from Munnady Street to Errabauloo Chetty Street ...	694	7	8	694	7	8	694	7	8	...	...	...	...	2	206	12	4	236·
29	...	Do. Popham's Broadway from Ebramjee Saib Street to Munnady Street ...	1,683	3	8	1,683	3	8	1,683	3	8	...	...	...	...	4	27	20	4	572·
37	...	Do. Moocurnullamoothoo Street from North Beach Road to Jangheer Street	68	0	0	68	0	0	68	0	0	...	...	...	...	...	70	15	4	34·
38	...	Do. Petty Court Lane from Jangheer Street to North Beach Road	63	8	0	63	8	0	63	8	0	...	...	...	...	...	65	15	4	31·75
39	...	Do. Commissariat Lane from North Beach Road to Jangheer Street ...	75	14	5	75	14	5	75	14	5	...	...	...	...	...	71	15	4	37·95
40	...	Do. Odacal Street from Semboodoss Street to do.	625	9	8	625	9	8	625	9	8	...	...	...	...	2	58	15	4	212·60
48	...	Do. Lingah Chetty Street from Ebramjee Saib Street to Munnady Street ...	748	0	0	748	0	0	748	0	0	...	...	...	...	3	93	15	4	374·
49	...	Do. Do. from Munnady Street to Errabauloo Chetty Street	587	0	0	587	0	0	587	0	0	...	...	...	...	2	196	15	4	293·50
50	...	Do. Parish Venkatachella Iyer Street from Govindappah Naik Street to Popham's broadway...	672	1	9	672	1	9	672	1	9	...	...	...	...	2	37	15	4	228·40
53	...	Do. Lingah Chetty Street from China Bazaar Esplanade Road to Errabaloo Chetty Street...	315	6	5	315	6	5	315	6	5	...	...	...	...	1	45	15	4	157·70
56	...	Do. Fort Beach Road from South Sea Gate to Thieving Bazaar Esplanade Road	840	0	0	840	0	0	840	0	0	...	...	..	...	3	40	20	4	420·
		Carried over...	31,573	5	7	31,604	15	5	31,184	7	7	420	3	3	13	4	106	...	...	12,193·36

MAINTENANCE OF ROADS—(continued).

Statement of works completed during 1878 *from April to December.*—(continued.)

Estimate Number.	Division.	Name of Roads.	Amount of Estimate.			Amount of Bill.			Amount paid during the year.			Amount not paid.			Length.			Breadth.	Thickness.	Squares.
			Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	M.	F.	Yds.	Ft.	In.	
		Brought forward...	31,573	5	7	31,604	15	5	31,184	7	7	420	3	3	13	4	106	...	...	12,193·36
57	3rd	Reforming Fort Beach Road from Saluting Battery to Sea Gate	800	0	0	800	0	0	800	0	0	...	...	...	...	3	6	20	4	400·
69	...	Do. Thumboo Chetty Esplanade Road from China Bazaar Esplanade Road to Thieving Bazaar Esplanade Road	1,341	14	0	1,341	14	0	1,341	14	0	...	...	...	...	1	213	25	4	456·
70	...	Do. Singalaneer Pilliar Covil Street from Munnady to Salavenoyager Street	526	6	5	526	6	5	526	6	5	...	...	...	...	2	165	15	4	263·20
71	...	Do. Anderson's Street from Annapillay Street to China Bazaar Esplanade Road	337	3	2	337	3	2	337	3	2	...	...	...	...	1	192	12	4	168·60
72	...	Do. Salavenoyager Street from Popham's Broadway to Coral Merchant Street	264	6	5	264	6	5	264	6	5	...	...	...	...	1	102	12	4	132·20
100	...	Do. Band practice Road from Wallajah Road to Band Beach Road	1,070	0	0	1,070	0	0	1,070	0	0	...	...	..	...	4	123	22	4	535·
106		Do. of Errabaloo Chetty Street from Popham's Broadway to Semboodoss Street...	125	1	0	125	1	0	125	1	0	...	...	...	...	0	128	15	4	42·50
109		Do. Jones Street, from Tucker's Lane to Munnady Street	333	0	0	333	0	0	333	0	0	...	...	...	...	1	146	15	4	166·50
110		Do. Moothoomary Chetty Street, from Munnady Street to Odacal Street ...	217	9	7	217	9	7	217	9	7	...	...	...	...	1	80	12	4	108·80
112		Do. Black Town Chapel Street, from Popham's Broadway to Peddariar Covil Street	205	14	4	205	14	4	205	14	4	...	...	...	...	0	169	20	4	102·95
113		Do. Shummoogaroyen Lane, from Portuguese Church Street to Peddariar Covil Street	134	8	7	134	8	7	...	...	...	134	8	7	...	1	108	12	4	67·27
114		Do. Geil's Street, from Popham's Broadway to Ramasawmy Street	260	1	7	260	1	7	260	1	7	...	...	...	...	1	69	15	4	130·05
115		Do. Salavenoyager Street, from Coral Merchant Street, to Thumboo Chetty Street	39	0	0	39	0	0	39	0	0	...	...	...	...	0	210	9	4	19·50
116		Do. Matoo Street, from Thumboo Chetty Street to Unkappah Naik Street...	138	0	0	138	0	0	...	...	...	138	0	0	...	0	163	12	4	69·
118		Do. Davidson's Street, from Thathamoothiappen Street to Parish Venkatachelliar Street	280	10	5	280	10	5	...	...	...	280	10	5	...	1	86	15	4	113·70
121		Do. St. Xavier Street, from Portuguese Church Street to Popham's Broadway	363	15	4	363	15	4	...	...	...	363	15	4	...	1	135	15	4	181·98
129		Do. Fennelly Street, from Ummen Pagoda Street to Popham's Broadway ...	409	13	4	409	13	4	409	13	4	...	...	...	...	2	86	13½	4—3	266·65
131		Do. General Hospital, Esplanade Road, from Benfield Esplanade Road to Hospital Gate Road	1,335	15	10	1,335	15	10	1,335	15	10	...	...	...	...	2	46	20	4	454·
1	4th	Do. the centre of Gants' Road, from Perambore Barrack Road to Moorthee Iyengar Street	1,545	0	0	1,544	9	6	1,544	9	6	...	...	...	...	7	177	15	4	772·50
		Carried over...	41,301	13	7	41,333	0	7	39,995	6	9	1,337	5	7	18	4	90	...	...	16,643·76

MAINTENANCE OF ROADS—(continued).

Statement of works completed during 1878 *from April to December.*—(continued.)

Estimate Number.	Division.	Name of Roads.	Amount of Estimate.			Amount of Bill.			Amount paid during the year.			Amount not paid.			Length.			Breadth.	Thickness.	Squares.
1878			Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	M.	F.	Yds.	Ft.	In.	
		Brought forward...	41,301	13	7	41,333	0	7	39,995	6	9	1,337	5	7	18	4	90	...	...	16,643·76
9	4th	Reforming Centre of General Farren's Road, from Cook's Road to Gantz's Road...	793	3	2	791	6	8	791	6	8	...	...	...	...	4	1	15	4	372·60
10		Do. Elephant Gate, Esplanade Road, from Railway Crossing to Sydenham's Road	3,939	6	3	3,430	9	6	3,430	9	6	...	...	...	...	2	97	50	6	741·75
25		Do. Perambore Slaughter House Road, from Gantz's Road to the north gate of Slaughter House	124	0	1	123	1	1	123	1	1	...	...	...	...	1	13	10	4	71·50
45	...	Do. both sides of Strahan's Road, from Brick-kiln Road, to Ungalammen Covil Road	450	10	5	450	6	2	450	6	2	...	...	...	...	6	72	6	3	227·10
123	...	Do. Centre of Stephenson's Road, from Gantz's Road to Perambore High Road	676	6	6	676	6	6	676	6	6	...	...	...	..	3	206	15	4	390·
126	...	Do. Centre of Yerookencherry Road, from Toll Gate to the limit	1,235	11	10	1,235	11	10	1,235	11	10	...	...	...	...	7	43	15	4	712·50
137	...	Do. Powder Mills Road, from Basin Road to Powder Mills Road	398	0	7	398	0	1	398	0	1	...	...	...	...	2	70	15	4	229·50
7	5th	Do. Colonel Law's Bridge Road, from the approach of the Bridge to Poonamallee Road	658	3	9	658	3	9	658	3	9	...	...	...	...	1	4	20	6	167·23
8	...	Do. West River Side Road, from Lamp Post near the end of S. I. Railway to Colonel Law's Bridge Road	800	12	6	800	12	6	800	12	6	...	...	...	...	1	196	20	6	250·
16	...	Do. Poonamallee Road, from Sydenham's Road to 1st Mile	640	7	10	629	4	3	...	...	...	629	4	3	...	1	180	25	...	287·50
26	...	Do. People's Park, from Vepery Gate to Road to Elephant Gate Road ...	1,291	4	9	1,286	7	7	1,286	7	7	...	...	...	...	4	64	20	4	602·10
35	...	Do. Poonamallee Road, from Rundall's Road to 1st Mile Stone	1,294	14	9	1,294	14	9	1,294	14	9	...	...	...	...	2	210	25	4	487·50
36	...	Do. do. from Police Commissioner's Office Road to Rundall's Road	1,925	12	6	1,925	12	6	1,925	12	6	...	...	...	...	4	86	25	4	725·
51	...	Do. do. do to Flowers Road..	451	9	0	451	0	6	451	0	6	...	...	...	...	5	18	10	4	170·
52	...	Do. Gengadra Eswarer Covil Road, from Pauthala Ponneummen Covil Road to Pursewalkum High Road	485	10	0	483	8	0	483	8	0	...	...	...	...	2	23	20	4	280·
95	...	Do. Marshall's Road, from Harris' Road to Commander-in-Chiefs Road. ...	1,208	10	6	1,203	4	0	1,203	4	0	...	...	...	...	5	57	20	4	694·
97	..	Do. the Centre of Commander-in-Chief's Road, from Pantheon Road to Marshall's Road	832	8	0	832	8	0	832	8	0	...	...	...	...	3	140	20	4	480·
98	...	Do. Police Commissioner's Office Road, from Male Asylum Road to Pantheon Road	545	10	2	545	10	2	545	10	2	...	...	...	...	1	150	20	4	314·60
104	...	Do. Veeneethurtha Moodelly Street, from Pauthala Ponnummen Covil Road to Pursewalkum High Road	516	13	6	514	1	10	...	...	...	514	1	10	...	2	98	15	4	286·75
		Carried forward...	59,566	9	8	59,064	2	3	56,083	2	4	2,480	11	8	26	4	58	...	...	24,083·39

MAINTENANCE OF ROADS—(continued).

Statement of works completed during 1878 *from April to December.*—(continued.)

Estimate Number.	Division.	Name of Roads.	Amount of Estimate.			Amount of Bill.			Amount paid during the year.			Amount not paid.			Length.			Breadth.	Thickness.	Squares.
			Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	M.	F	Yds.	Ft.	In.	
		Brought forward...	59,566	9	8	59,064	2	3	56,083	2	4	2,480	11	8	26	4	58	...	...	24,083·39
107	5th	Reforming Centre of Astaboogum Road, from Ungallammen Covil Road to Perambore Barracks Road	353	7	5	353	3	5	...	...	...	353	3	5	...	2	98	12	4	203·80
108	...	Do. Ungullammen Covil Road, from DeMellow's Road to Viziavegneswarer Covil Road	347	3	7	347	3	7	...	...	...	347	3	7	..	2	76	12	4	200·20
111	...	Do. Canal Road, from General Hospital Bridge to Saint Mary's Bridge ...	513	7	11	513	6	11	513	6	11	..	...	...	...	1	13	20	4	182·30
133	...	Do. General Hospital Road, from Bridge to Sydenham's Road	1,479	3	9	1,479	1	6	1,479	1	6	...	...	...	...	2	39	20	...	471·05
135	...	Do. and sides of Pantheon Road, from College Bridge to West River side Road	2,305	10	0	2,305	10	0	2,305	10	0	...	...	...	...	7	137	20	...	510·
22	6th	Do. Sides of Poonamallee Road, from Barnaby's Road to Flower's Road ...	630	0	0	630	0	0	630	0	0	...	...	...	...	3	40	10	4	210·
23	...	Do. Do. from McNicholl's Road to Barnaby's Road	600	0	0	600	0	0	600	0	0	...	...	...	...	3	6	10	4	200·
24	...	Do. Do. from the Limit to McNicholl's Road	975	0	0	975	0	0	975	0	0	...	...	...	...	4	203	10	4	325·
27	...	Do. Centre of Græme's Road from Mount Road to College Bridge	1,714	14	1	1,669	11	11	1,669	11	11	...	...	...	...	6	115	15	4	663·75
58	..	Do. Orme's Road from Pathalaponemmall Covil Road to Kilpauk Garden Road	1,058	3	3	1,058	3	3	1,058	3	3	...	...	...	...	4	170	15	4	472·20
79		Do. and side of Mount Road, from Dam Road to Puttalow's Road	3,930	14	0	3,930	14	0	3,930	14	0	...	...	...	...	4	71	50	4	1361·
108	...	Do. of Brick kiln Road from Pursewalkum High Road to Strahan's Road ...	1,511	11	6	1,511	11	6	1,511	11	6	...	...	...	...	6	180	15	4	675·
139	...	Do. Portion of Anderson's Road from Haddow's Road to Gateway of Mr. Carter's House	483	0	9	475	6	8	475	6	8	...	...	...	...	1	163	15	4	188·
60	7th	Do. of Wallajah Road, from Wallajah Gate to Triplicane High Road ...	1,569	9	8	1,569	9	8	1,569	9	8	...	...	...	...	2	170	25	5	458·
80	...	Do. South Beach Road, from Victoria Bridge to Pycroft's Road... ...	4,100	10	10	4,100	10	10	4,100	10	10	...	...	...	1	1	33	40	4	1831·
81	...	Do. Nullathumby Moodelly Street, from Pycroft's Road to Singara Charry Street	246	8	2	246	8	2	246	8	2	...	...	...	...	1	40	12	4	110·07
82	...	Do. South of Madaveethee Street from Tholasinga Peroomall Covil Street to Tharady Street	296	0	10	288	7	11	288	7	11	...	...	...	...	...	205	17	4	123·68
83	...	Do. Westcott's Road, from Pycroft's Road to Peter's Road	1,004	7	3	1,004	7	3	...	...	...	1,004	7	3	...	2	102	25	4	448·50
		Carried forward...	82,686	10	8	82,123	6	10	77,437	8	8	4,185	9	11	34	7	159	...	...	32,712·19

MAINTENANCE OF ROADS—(continued).

Statement of works completed during 1878 *from April to December.*—(continued.)

Estimate Number.	Division.	Name of Roads.	Amount of Estimate.			Amount of Bill.			Amount paid during the year.			Amount not paid.			Length.			Breadth.	Thickness.	Squares.
			Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	M.	F.	Yds.	F.	In.	
1878		Brought forward...	82,686	10	8	82,123	6	10	77,437	8	8	4,185	2	11	34		159	..	...	32,712·19
4	8th	Reforming the Centre of Royapettah High Road, from Andy Street to Edward Elliot's Road	1,269	13	6	1,269	13	6	1,269	13	6	...	.		...	4	170	15	4	472·50
5	...	Do. Do. from Edward Elliot's Road to Venkettachella Moodelly's Street..	382	15	6	382	15	6	382	15	6	...	...	...	...	1	90	15	4	142·50
6	...	Do. Do. from Venkettachella Moodelly's Street to Brodie's Road... ...	814	5	0	814	5	0	814	5	0	...	...	...	...	2	200	15	4	303·
43	...	Do. Western side of Mount Road, from Yeldam's Road to Blacker's Gate ...	446	4	0	446	4	0	446	4	0	...	...	...	...	4	53	10	2	280.
44	...	Do. Do. do. from Blacker's Gate to St. George's Cathedral Road ...	350	10	0	350	10	0	...	...	...	350	10	0	...	3	73	10	2	220·
47	...	Do. Centre of Chamier's Road, from Cenotaph Road to Mount Road ...	1,272	1	6	1,272	1	6	1,272	1	6	...	...	...	...	4	63	15	4	424·50
61	..	Do. Pugh's Road, from Chamier's Road to Greenway's Road	381	9	0	381	9	0	...	...	...	381	9	0	...	1	146	15	4	165·
62	...	Do. of Serkoo Moolk Delarjing Bahdoor Street	236	13	8	236	13	8	236	13	8	...	...	...	...	1	120	12	3	124·
63	..	Do. of Lus Church Road, from Royapettah High Road, to Lus Tank.. ...	674	10	10	674	10	10	674	10	10	...	...	...	...	2	53	18	4	290·40
84	...	Do. of Cenotaph Road, from Mount Road, to Chamier's Road...	852	9	8	852	9	8	...	...	...	852	9	8	...	4	86	15	3	435·
85	...	Do. St. Thomé High Road, from Jabamalay Madah Church Road to Anthoo Street	508	12	0	508	12	0	...	...	..	508	12	0	...	1	147	20	4	220·
86	...	Do. do. from do. to South Beach Road	682	3	0	682	3	0	...	...	...	682	3	0	...	2	52	20	4	295·
87	...	Do. Jabamalay Madah Church Road, from Bazaar Road to St. Thomé High Road	523	12	6	523	12	6	...	...	...	523	12	6	...	1	213	15	4	226·50
88	...	Do. Sullivan's Road, from Jabamalay Madah Church Madah Road to do....	302	14	6	302	14	6	302	14	6	...	...	...	...	2	10	12	3	162·
1877-78.																				
78	2nd	Do. Barrack Street, from Seven Wells to Portuguese Church Street ...	240	0	0	240	0	0	240	0	0	...	...	...	..	1	113	12	4	120·
79	...	Do. Portuguese Church Street, from Barrack Street to Ummen Covil Street.	324	1	0	323	8	11	323	8	11	...	...	...	...	2	92	12	3	204·
55	5th	Do. Peoples Park	270	0	0	270	0	0	270	0	0	...	...	...	...	1	46	20	4	135·
75	4th	Do. Strahan's Road, from Brick kiln Road to Ungulammen Covil Road ...	1,225	8	0	1,178	11	8	1,178	11	8	...	...	...	...	6	42	15	4	612·75
80	...	Do. Moorthu Iyengar's Street, from Gantz's Road to Yerrokencherry Road...	468	0	0	468	0	0	468	0	0	...	...	...	...	2	210	12	4	234·
81	...	Do. Pooliantope Road, from Bridge to Gantz's Road	798	0	0	797	4	6	797	4	6	...	...	...	...	4	6	15	4	399·
		Total...	94,711	10	4	94,100	7	5	86,115	0	3	7,485	2	1	42	0	164	...	...	38,177.34

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

TABLE No. 11.

Statement showing the cost of labour and material used for repairing Liability Roads.

Division.	Ward.	Materials.	No. of Carts.	Rate. RS.	Rate. A.	Rate. P.	Amount. RS.	Amount. A.	Amount. P.	Cost of labour. RS.	Cost of labour. A.	Cost of labour. P.	Total. RS.	Total. A.	Total. P.
1	North	Granite ...	13½	0	8	6	7	2	9	1	7	0	10	3	9
		Gravel... ...	4	0	6	6	1	10	0						
		Moiety of cost for reforming General Hospital Bridge Road											144	6	0
5	Centre	Laterite ...	10	0	6	6	4	1	0	1	7	0	5	8	0
		Laterite ...	108	0	6	6	43	14	0	9	5	6	55	11	6
6	North	Clay	20	0	2	0	2	8	0						
7	Centre	Laterite ...	156	0	6	6	63	6	0						
		Granite ...	22½	0	8	6	11	15	3	6	7	6	87	4	9
	South	Clay	44	0	2	0	5	8	0						
		Laterite ...	192	0	6	6	78	0	0	47	12	9	125	12	9
		Do ...	262	0	6	6	106	7	0	30	8	9	136	15	9
8	North														
	South														
												Grand Total...	565	14	6

* These amounts afterwards recovered from the several Contractors.

TABLE No. 12.

Table showing materials used in each Division for repairing Roads not under Liability.

Division.	Materials.	No. of Carts.	Rate. RS.	Rate. A.	Rate. P.	Amount. RS.	Amount. A.	Amount. P.	Total. RS.	Total. A.	Total. P.
1st	Granite	95⅔	0	8	6	50	13	2			
	Laterite	3,522	0	6	6	1,430	13	0			
	Clay	804 4/12	0	2	0	100	8	8			
	Gravel...	22	0	6	6	8	15	0	1,591	1	10
2nd	Granite	606	0	8	6	321	15	0			
	Laterite	1,583	0	6	6	643	1	6			
	Clay	565½	0	2	0	70	11	0			
	Gravel...	4	0	6	6	1	10	0	1,037	5	6
3rd	Granite	91	0	8	6	48	5	6			
	Laterite	2,713	0	6	6	1,102	2	6			
	Clay	673	0	2	0	84	2	0			
	Gravel...	76	0	6	6	30	14	0	1,265	8	0
4th	Granite	28½	0	8	6	15	2	3			
	Laterite	1,336	0	6	6	542	12	0			
	Clay	343¼	0	2	0	42	14	6	600	12	9
5th	Granite	358½	0	8	6	190	7	3			
	Laterite	2,049	0	6	6	832	6	6			
	Clay	237	0	2	0	29	10	0			
	Gravel...	20	0	6	6	8	2	0	1,060	9	9
6th	Granite	1,090½	0	8	6	579	5	3			
	Laterite	2,277	0	6	6	925	0	6			
	Clay	814	0	2	0	101	12	0			
	Gravel...	2	0	6	6	0	13	0	1,606	14	9
7th	Granite	2,605	0	8	6	1,383	14	6			
	Laterite	2,729	0	6	6	1,108	10	6			
	Clay	1,247	0	2	0	155	14	0			
	Gravel...	16	0	6	6	6	8	0	2,654	15	0
8th	Granite	1,712	0	8	6	909	8	0			
	Laterite	2,704	0	6	6	1,098	8	0	2,008	0	0
								Total Rs...	11,825	3	7

TABLE No. 13.

Table showing the number of squares and length of Roads reformed in each Division.

Division.	Thickness.	Laterite Gravel and Clay.								Laterite and Gravel.								Granite and Gravel.								Total.					Remarks.
		Squares.		Rate.			Length.			Squares.		Rate.			Length.			Squares.		Rate.			Length.			Squares.		Length.			
	Inch.			Rs.	A.	P.	M.	F.	Yds.			Rs.	A.	P.	M.	F.	Yds.			Rs.	A.	P.	M.	F.	Yds.			M.	F.	Yds.	
1	3	56	0	1	9	2	...	...	186	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	56	0	0	0	186	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	110	76	0	1	84	Reformed with old bricks and clay.
	4	1,140	07	2	0	0	1	3	145	...	...	...	...	...	...	...	...	1,140	07	2	15	1	1	1	150	2,579	17	2	5	75	
2	3	204	...	1	9	5	0	2	92	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	204	0	0	2	92	
	4	2,892	15	1	12	3	4	2	144	...	...	...	...	...	...	...	...	947	75	2	10	0	0	6	91	3,840	90	5	1	15	
	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	855	0	3	14	0	0	6	85	855	0	0	6	85	
3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	81	95	0	0	43	Reformed with old bricks and clay.
	4	4,496	55	2	0	0	5	4	62	...	...	...	...	...	...	...	...	3,069	93	2	15	1	2	5	103	7,566	48	8	1	65	
	6	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	902	0	4	5	7	0	5	33	902	0	0	5	33	
4	4	4,021	45	1	11	9	5	5	180	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4,021	45	5	5	180	
	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	741	75	4	10	0	0	2	97	741	75	0	2	97	
5	4	3,196	45	1	11	9	3	1	92	500	0	1	13	10	0	7	120	2,312	30	2	10	6	2	6	204	6,018	75	6	7	196	
	5	...	..	...	...	...	...	...	...	...	...	...	...	...	...	..	...	471	05	3	2	3	0	2	39	471	05	0	2	39	
	6	...	...	...	...	...	...	...	...	250	0	...	...	...	...	1	196	167	23	3	15	0	0	1	4	417	17	0	2	200	
6	4	1,811	25	2	3	10	2	2	25	183	0	2	5	0	0	1	163	2,096	0	3	0	0	1	7	100	4,090	25	4	3	68	
7	4	2,513	20	...	...	...	1	4	160	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	2,513	20	1	4	160	
	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	458	0	3	6	10	0	2	170	458	0	0	2	170	
8	2	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	500	0	1	9	6	0	7	126	500	0	0	7	126	
	3	...	...	...	...	...	...	...	...	721	0	1	13	11	0	7	216	...	...	...	...	...	...	...	...	721	0	0	7	216	
	4	...	...	...	...	...	...	...	...	2,114	90	2	5	0	2	2	191	424	50	2	14	0	0	4	63	2,539	40	2	7	34	
																								Total...		38,688	34	42	7	64	

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

TABLE No. 14.

MAINTENANCE OF ROADS.

The quantity of work done during the year is shown in the table annexed in detail, thus :—

	Squares.	Mileage.		
		M.	F.	Yds.
Laterite Gravel and Clay	20,331·12	24	3	206
Laterite and Gravel	3,778·90	4	6	6
Granite and Gravel	14,384·61	13	3	165
Total...	...	42	5	211

Part of this remains unpaid and the total amount paid for under each heading is :—

	Squares	Mileage.		
		M.	F.	Yds.
Laterite Gravel and Clay	18,395·2	22	...	135
Laterite and Gravel	2,437·40	2	2	2
Granite and Gravel	13,927·11	12	6	132
Total...	...	37	1	49

TABLE No. 15.

Table showing the drains that were repaired :—

	RS.	A.	P.	RS.	A.	P.
Repairing side drain in Narayana Moodelly's Street, Mint Street, Govindapah Naick Street and Venayaga Moodelly Street	68	9	7	68	9	7
do and raising the floor of cross drain at the Junction of Avadanum Paupier Street ...	32	10	6	32	9	6
do and rebuilding side drain of the western side of Popham's Broadway	197	15	3	197	15	3
do the side walls of open channel in Anderson's Street	70	2	2	70	2	2
do Wing wall of cross drain in Blacker's Road...	19	13	10	19	13	10
do Side drain of Savarymoottoo Street, Black Town	66	0	11	66	0	11
do Triplicane Main drain where wanted ...	27	13	1	27	13	1
do Side drain Peddoo Naick Street and Ponnapah Naick Street	166	2	0	...	...	...
do Covered centre drain in Narasamah Thasary Lane	54	8	4	54	8	4
do and plastering water-courses cross tunnel in Græme's Road	255	10	5	255	10	5
do Cross wall of the culvert in Hall's Parcherry.	15	2	7	15	2	7
do Parapet wall and drain betweenCasemoothen Saib Street and Waller's Road ...	294	0	0	294	0	0
do Cross drain at Madavaukum Tank Road ...	56	0	0	56	0	0
do Centre drain of Annapillay Street ...	13	10	2	...	...	...
Carried forward...	1,338	2	10	1,158	5	8

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

TABLE No. 15.—(*continued.*)

	RS.	A.	P.	RS.	A.	P.
Brought forward...	1,338	2	10	1,158	5	8
Repairing side open drain and fixing drain tiles in Kelly Street...	448	5	4	...	...	...
do Kistnapah Moodelly Street, Purasevalkum...	53	4	6	...	...	...
do Tunnel Cuttivalkum Road	16	8	9	...	...	...
Constructing drain and deepening the floor of the cross tunnel and fixing tiles, &c., Royapettah Bazaar Road	177	7	9	177	7	9
do a drain in St. Thomé High Road ...	106	2	0	...	...	...
Cleaning 4 street drain in Triplicane	88	2	8	88	2	8
Making 2 stink traps south end of Anderson's Street...	22	5	0	22	5	0
do wooden cover for 5 cesspool cover at the back of Messrs. Simpson and Co.	55	10	0	55	10	0
Fixing two flushing drain stands at the Junc. of Jones' Street and Lane	72	5	6	...	...	...
do stink traps Davidson Street	19	1	0	...	...	...
Supplying a teak wood plank on the side of Peter's Road drain...	10	15	0	...	...	...
do blue stone in 4 streets 2nd Division, S. W. ...	29	2	8	...	...	...
do do Gooroovapen Street ...	29	2	8	29	2	8
do do Vurdamootheapen Street ...	17	4	11	...	...	...
do and fixing do Peramboor Barracks Road ...	10	1	0	...	...	...
do Teak wood cesspool cover Umpherson's Street	11	13	9	...	...	...
Petty Repairs, &c.	395	0	3	108	6	10
Making the arch of main drain in Bungaroo Naick Street	88	2	3	88	2	3
Cost of Iron gratings	18	5	9	18	5	9
do of Tiles	36	0	0	36	0	0
For cleaning drain in 8th Division...	35	15	0	35	15	0
Paid for Surveyor and Lascar	30	0	0	30	0	0
Sundry Repairs	...	...	...	8	6	0
Total...	3,109	6	7	1,856	5	7

TABLE No. 16.

Table showing the Railings and fences repaired :—

	RS.	A.	P.
Repairing Palmyrah Railings at the side of Cooum Road	573	14	5
do Railings at the side of Cooum (West River side Road, Lang's Garden Road, Cooum River side Road	806	8	6
do Wooden railings of the Railway crossing in Yerookencherry Road	60	14	8
do Repairing the Parapet wall in Dam Road	232	14	9
do Palmyrah Fences, Spur Tank Road	130	0	0
do Municipal Cart Stand, Stephenson's Road	7	10	0
do Wooden railings Peramboor High Road	2	9	8
do Parapet wall on the side of Dam Road	240	0	0
Total...	2,054	8	0

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

TABLE No. 17.

Table showing the revenue collected by the Public Works and Conservancy Department from different sources.

PARTICULARS.	Amount.			Total.		
	Rs.	A.	P.	Rs.	A.	P.
General Market	6,289	14	8			
Slaughter Houses	6,280	0	0			
Strand Rent	1,988	10	0	12,569	14	3
Rent from Model Parcherries	288	4	8			
Sale of Model dwellings	1,500	0	0			
do Rubbish at Munally Depôt	1,326	0	0	3,776	14	8
do do Brick Kiln	1,630	0	0			
do Grass and Hay from Sewage Farms	4,561	12	8			
do Lands	1,879	6	4			
Revenue from Municipal Cart Stand	798	0	0			
do Grazing on the Esplanades, &c.	1,308	2	8			
Sale of Avenue trees and branches	17	2	6			
do of Fire-wood and Bratties from Burial Ground ...	446	8	0			
do of Blood	900	0	0			
Lease on Municipal Land	45	0	0			
Sale of Materials	945	11	2			
do of godown attached Yagathanmen Pagoda... ...	640	12	0			
Amount recovered for damages of Municipal property ...	11	13	6	14,498	7	4
Sundries	38	4	6			
Rent for Municipal Lands, Fire-wood and Fire-wood yards.	1,731	12	0	50	2	0
do depositing Engine Ashes	63	0	0			
do Salt fish Stalls	18	12	0			
do Fire-Workshops	46	0	0			
do Pottery Kilns...	5	13	4			
do Brick Kiln	1	10	8			
License—Wedding Pandalls, &c.	241	14	7	1,867	0	0
Rent for Pandalls on Municipal ground	713	8	0			
License for Market Depôts, dangerous and Offensive Trades, &c.	3,478	4	3			
				4,433	10	10
Water supply	1,574	6	5	1,574	6	5
	Total Rs...			38,769	13	6

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

TABLE No. 18.

Statement showing the number of Markets, Depôts, Dangerous and Offensive Trades and amount received for License during 1878.

No.	Description.	Amount.			Total.		
		RS.	A.	P.	RS.	A.	P.
28	Markets	601	8	0			
55	Meat Stalls	47	10	8			
9	Salt fish Bazaars	6	12	0			
183	Hack Stables	464	10	0			
4	Cattle yards	27	...	0			
13	Chunam Kilns	183	5	4			
11	Indigo Dyeing yards	90	0	0			
5	Tanneries	93	12	0			
18	Oil Boiling Houses and Oil Mill	123	9	4			
2	Slaughter Houses	112	8	0			
1	Sheep Pen	10	10	0			
1	Blood and Bone Depôts	79	2	8			
86	Firewood and Brushwood Depôts	554	1	6			
5	Palmyrah Depôts	84	6	0			
1	Redwood Depôts	50	0	0			
7	Timber Depôts...	64	2	8			
6	Charcoal Depôts	42	0	0			
1	Straw Depôts	7	8	0			
15	Cart Stands	243	11	1			
1	Erection of Tomb	8	0	0			
14	Brick Kiln	288	4	0			
1	Manure Factory	50	0	0			
					3,232	9	3
25	Wedding Pandals, &c	211	11	5			
8	Scaffoldings	11	1	2			
8	Arches	2	0	0			
3	Depositing Materials	12	2	0			
1	Putting up Whirlgig	5	0	0			
1	Retaining Parapet wall	3	12	5			
					245	11	0
		Total Rs...			3,478	4	3

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

TABLE No. 19.

Statement shewing the particulars of lands sold during the year.

Extent of Land in Square Feet.	Locality.	Name of Purchaser.	Purchased Amount.		
			RS.	A.	P.
30½	Jaganatha Moodelly Street	Valoo Moodelly	7	0	0
240	Coral Merchant Street	G. Cottayapa Naidu	71	0	0
83¼	Rasapa Chetty Street...	T. Mooniapa Chetty	35	0	0
192¾	Govindapa Naik Street	Sealloo Pillay	41	0	0
78	Shumoogaroyen Street	P. Moonnoosawmy Naidu	9	0	0
2090	Perambore High Road	Sadras Mooroogasa Moodelly	101	0	0
156¼	Ammen Covil Street	N. Thungavaloo Moodelly	23	0	0
39¾	Maunady Street	T. Eroosapa Chetty	12	0	0
240	Vitchoor Moothiah Mudaly Street ...	Ramasawmy Naik	20	0	0
310	Govindapa Naik Street	C. Paroosoorama Chetty	104	0	0
164½	Gregory Street	A. Thaparoomaul	24	0	0
...	Aroolappen Street	M. Appasawmy Naik	50	0	0
63¾	McGasker Street	C. Aroonachella Chetty	14	0	0
184	Moor Street	P. Streeneevasa Chetty	39	0	0
357½	Govindapa Naik Street	T. Narasimooloo Chetty	111	0	0
188½	Avadanampapier Street	Sarabiah Pathadu	15	11	4
1596	Triplicane	P. Parthasarathy Chetty	242	8	0
63½	Mint Street	Soobbanna Goorookal	21	0	0
133½	Rasapa Chetty Street...	Moonnoosawmy Puther	56	0	0
16	Kattivakam Road B. Ground	Moothoosawmy Natan	8	0	0
104	Nagapa Mudaly Street	Lutchmana Naik	13	0	0
45	Popham's Broadway	Chettapa Chetty	18	0	0
195	Sydenhams Road	Shumshoodeen Saib	40	10	0
127½	Veerappen Street...	T. Soobramanian	22	0	0
126¾	Arimoothoo Maistry Street	Sunkra Narainasawmy...	7	6	3
...	Mallaparoomaul Street	F. DeSouza	16	0	0
120	Mootacaren Street	Moothoomooniapa Naik	15	0	0
144¾	China Bazaar Street	Govindoss Gunnyam Doss	49	0	0
57	Unkappa Naik do.	Mahomed Kasim	12	0	0
297	Mannarsawmy Covil Street	R. Canniah Chetty...	25	0	0
693	Do. do.	Comarapa Chetty	59	0	0
102	Veerappen Street...	Mooneamah	17	0	0
205	Anna Pillay Street	T. Ponnoorangammaul	52	0	0
...	Moolla Saib Street	C. Soobooroyalu Naidu	11	0	0
37½	Chengulroya Pilliar Covil Street ...	P. Sabapathy Chetty	6	0	0
58 19/32	Mannady Street	L. Samuel	18	0	0
176	Ebramjee Saib Street	P. A. Kistna Row	30	0	0
823	Triplicane do.	P. Parthasarathy Chetty	59	2	9
121¾	Kistnapa Maistry do.	Shunmooga Moodelly	16	0	0
16	B. Ground DeMellows Road	Y. Ramalinga Chetty	8	0	0
7	Do. do. Mylapore ...	H. E. Church, Esq.	32	0	0
261¾	China Bazaar Street	Comathoovalu Ammaul	83	0	0
1609½	Ammen Pagoda Street	T. Moothoosawmy Moodelly	170	0	0
281¼	Anna Pillay Street	Singaravalu Moodelly	71	0	0
134	Moolla Saib Lane	Etharagammah	20	0	0
		Total Rupees...	1,879	6	4

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

TABLE No. 20.

Table showing the number of notices served under various sections of the Madras Municipal Act distinguishing those complied with from those not complied with, from April to December 1878.

Section.	Requisitions.	Complied with.	Not complied with.	Total.	Remarks.
110	For depositing rubbish in the street ...	4	2	6	
111	„ allowing sewage to flow into streets ...	45	4	49	
117	„ neglecting to remove obstruction, &c ..	2	2	4	
129	„ „ „ put up proper trough and pipes	2	...	2	
130	„ „ „ remove projections, &c...	2	...	2	
134 & 135	„ „ „ repair and take down or secure dangerous buildings	44	2	46	
136	„ „ „ enclose deserted buildings, &c	8	2	10	
138	„ „ „ remove nuisances, &c...	36	2	38	
139	„ „ „ lime wash and cleanse buildings after 8 day's notice	6	...	6	
141	„ „ „ to trim Hedges ...	33	1	34	
142	„ „ „ to take out Licenses for Livery or Hack stables.	20	1	21	
150	„ „ „ construct a branch drain to connect with some sewer or drain ...	...	1	1	
152	„ „ „ „ a drain for the drainage of buildings..	1	...	1	
153	„ „ „ give notice to the President for buildings ...	10	5	15	
158	„ „ „ provide Latrines ...	2	...	2	
161	„ „ „ Keep branch Drains and Privies in order ...	3	...	3	
184	„ „ „ to repair or enclose dangerous places ...	75	10	85	
185	„ using a place as Slaughter house and market, without license	2	...	2	
192	„ discontinuing the use of an oil boiling house... ...	1	...	1	
193	„ neglecting to take out license for carrying on offensive and dangerous trade ...	5	...	5	
198	„ „ „ carry out certain works.	2	...	2	
	Breaches of Bye-Laws { Regarding the regulations of Markets, Slaughter houses, offensive and dangerous trades, burial and burning grounds, &c	24	1	25	
	Total...	327	33	360	
	1877-78—Totals...	1,393	102	1,495	

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

TABLE No. 21.

Table showing the number of Prosecutions made from April to December 1878.

Section.	Requirements of Sections.	No. of persons summoned.	Disposal.			Party not found.	Undisposed of.
			Convicted.	Acquitted	Withdrawn.		
109	For requiring parties to deposit dust in dust bins	99	79	1	10	9	...
110	„ depositing rubbish in the streets ...	199	163	2	19	14	1
111	„ allowing sewage to flow in streets ...	41	30	...	9	2	...
112	„ „ to remove night soil at improper times	167	157	...	5	4	1
117	„ neglecting to remove obstructions or encroachments on streets ...	66	54	2	6	2	2
118	„ taking up pavements, &c., without permission	3	1	...	1	1	...
130	„ neglecting to remove projections ...	1	...	...	...	1	...
133	„ neglecting to remove buildings of inflammable materials	114	90	9	14	...	1
138	„ neglecting to remove nuisance and noxious vegetation	391	347	7	24	9	4
140	„ allowing dwelling houses to be overcrowded	1	1	...	...	...	...
142	„ keeping livery or hack stables, &c., without License	99	40	5	51	...	3
153	„ neglecting to give notice to the President for buildings, &c. ...	126	100	1	15	9	1
157	„ allowing rubbish, &c., to be thrown into sewer	23	20	...	...	3	...
172	„ allowing water to be fouled ...	80	69	...	1	9	1
183	„ depositing building materials, &c., in the streets without License ...	19	14	...	4	...	1
184	„ neglecting to repair or enclose dangerous places...	9	5	...	4	..	...
185	„ using a place as slaughter house and market without License ...	12	10	...	1	...	1
188	„ using a place as slaughter house without License	3	3	...	...	...	...
193	„ keeping a fuel bazaar without License..	135	98	1	19	7	10
191	„ carrying on offensive and dangerous trades, &c., without being registered	8	8	...	...	...	...
200	„ molesting Municipal servants in the execution of their duties ...	3	3	...	...	...	...
181	„ not setting up boards during repair, &c.	10	7	...	2	1	...
	Bye Laws	72	56	...	15	1	...
	Indian Penal Code—nuisance not provided for in Municipal Act... ...	5	5	...	...	...	...
	Total...	1,686	1,360	28	200	72	26
	1877-78—Total...	2,410	1,765	299	168	101	87

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

WATER WORKS.

SUPPLY.

The rainfall during each month in the year as reported at the Red Hills Lake has been as follows :—

Month.	Inches.	Month.	Inches.
April	0·25	September	3·93
May	2·25	October	5·74
June	1·00	November	2·83
July	2 27	December	0·67
August	5·25		
Total...24·19	11·02	+	15·19

At the beginning of April 1878 the level of the surface of the water in the tank was 41·72; with slight variations it fell to 36·93 at the beginning of September and afterwards rose gradually and stood at a level of 42·16 on the 31st December, all these heights being above mean sea-level.

A diagram attached shows the various heights of the tank during the year and the rainfall during each month.

SLUICES AND FILTERS.

The sluice valves and machinery in the tower at the Red Hills were kept in good working order throughout the year. The filtering matter in the horizontal filter was removed, it having been found useless.

DELIVERY CHANNEL.

The channel has had a fair flow of water through it during the nine months, the tank not having fallen very low during that period. No improvement has been attempted during the period under review, the maintenance however has been well attended to. There was no interruption in the supply during the nine months. The plan of cutting the weeds with long hooks and allowing them to float down to the next trap having been adopted. The channel of course as regards the variation in level and gradient along its course and in the breadth of the banks remains unaltered. The slopes must soon be repaired and this should be done during the ensuing season. The cost will probably be Rs. 2,000 in addition to the ordinary maintenance grant. The amount budgeted for Maintenance of the Channel and bungalows was Rs. 2,000 and the amount of expenditure Rs. 1,277-7-5.

MAINTENANCE OF FOUNTAINS.

The whole of the fountains were kept in good order throughout the year, the amount budgeted for was Rs. 2,000 and the amount spent Rs. 1,855-8-0.

MAINTENANCE OF PIPES.

The gearing of the large valves were cleaned and all valves and hydrants were kept clean, oiled and worked once each week. One valve on the 27″ main near the Maharajah's fountain, Mount Road, was removed as unnecessary, and its position was objectionable. The water was shut off from Government House and part of Triplicane for about 48 hours during the operation of removal. There were four slight leaks, one on the 36″ main Gungadra Easwarer Covil Road; one on the 36″ main, Church Mission compound; one on the 27″ main, Hunter's Road; one on the 20″ main, Popham's Esplanade Road.

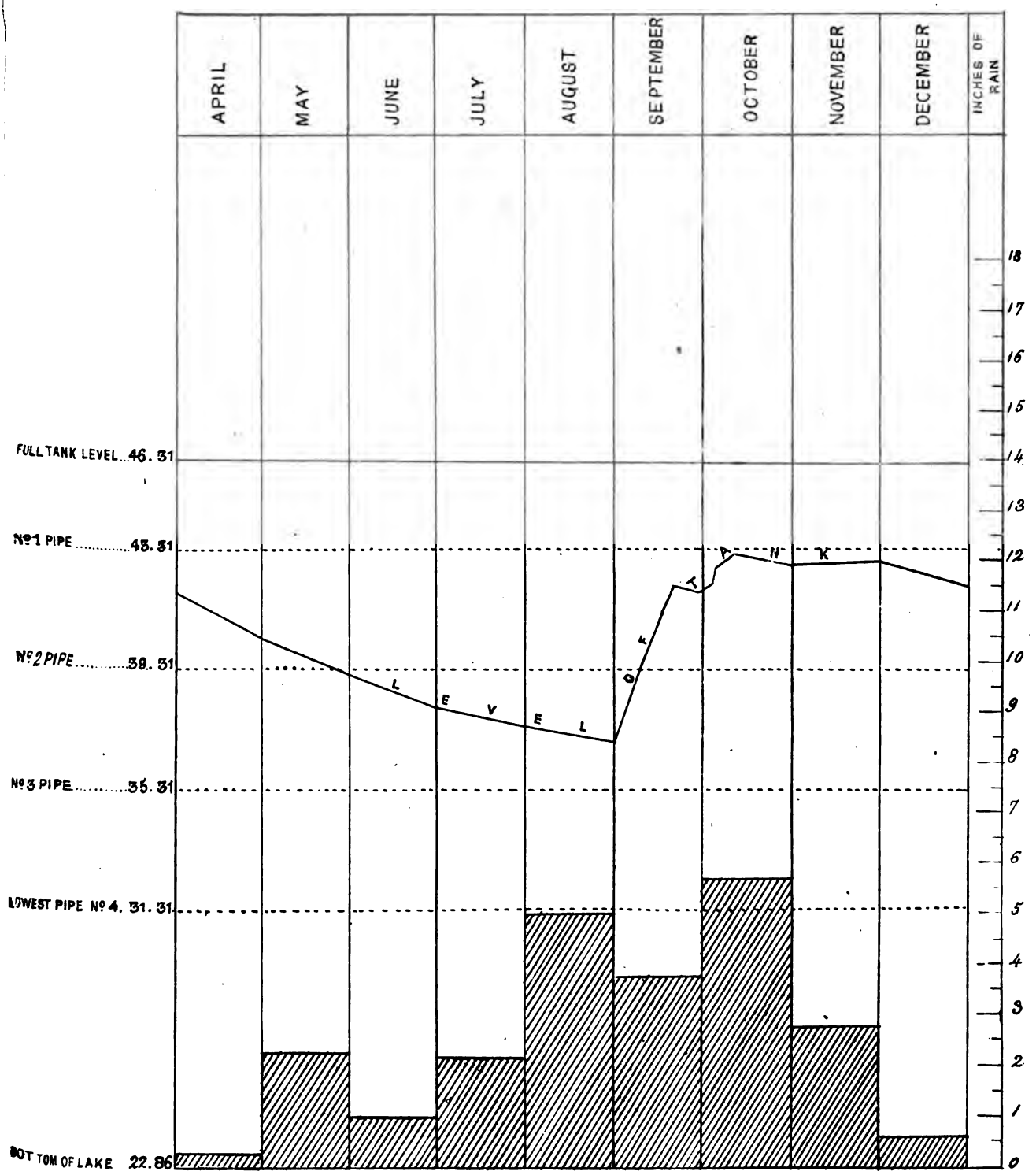
After the Fire Code Committee's report referred to under the heading of Fire Engines the ball hydrants previously located in several parts of the town were removed to the Mount Road, and Tylor Hydrants substituted for them, but it is

TABLE SHEWING LEVEL OF WATER IN RED HILLS TANK

AND AMOUNT OF RAINFALL

FROM APRIL TO DECEMBER

1878.



Note... The shaded portions show the Rainfall during each Month.

LITHOG.ᴾ BY ROSS, BROTHERS

hoped that the ball hydrants will soon disappear from the town. They are inconvenient as they require separate apparatus before water can be taken from them and they have no advantage over the Tylor Hydrants which require no apparatus whatever. Fifty new Hydrants were supplied to the 8th Division where they were much required but a great many more Hydrants are required all over the present system of piping.

The cost of the putting down of these Hydrants being included in the amount for maintenance, this grant has been exceeded.

EXTENSION OF PIPING WITH NEW FOUNTAIN.

The following table shews the extension of piping made during the nine months with the cost of each.

Divisions.	From	To	Diameter of Pipes.	Length of Pipes.	No. of Fountain.	Cost. RS.	A.	P.	Remarks.
2	Mint Street ...	Elephant Gate Street ...	4"	340	2	701	11	2	Wall tap fountain.
"	Elephant Gate Street ...	Venayaga Moodelly Street...	4"	290					
3	Ummen Covil Street ...	Aucharappen Street ...	4"	1,200	2				Do. do.
"	Auchrapappen Street ...	Parish Vencatchalla Iyer Street. ...	2½"	40	2	1,643	4	3	Do. do.
"	Andiappa Naick Street ...	Aucharappen Street ...	2½"	345					
"	China Bazaar Street ...	Gooroovappen Street ...	3"	540	1	424	8	6	
5	Thoticala Coomarappa Moodelly Street ...	Sathanaaick Street ...	3"	480	3	454	13	9	Stand pipe.
7	Mookarooneesa Begum Street ...	Tippoosaib Street ...	3"	460	2	688	6	0	Do. do.
"	Tippoosaib Street ...	Two latrines in Chetty's Garden ...	3"	140	...				Wall tap fountain.

NEW FOUNTAINS.

The following new fountains were also erected at the cost set against them. They were not erected in connection with any extension of piping.

Divisions.	Street.	No. of Fountain.	Cost. Rs.	As.	P.	Remarks.
2	Ramanen street ...	1	882	6	8	Ransom's Patent fountain.*
5	Pantheon Road ...	1	775	3	2	Do. do*
6	Mount Road ...	1	775	8	0	Do. do*
8	Barber's Bridge Road ...	1	62	4	6	Wall tap fountain.

* Ransom's patent fountains were issued from store at a value of Rs. 500 each.

WORKSHOP.

On page fifty-one will be found a table showing the amount spent by the workshop during the nine months, there is no charge against the Municipality on this account, the workshop being self-supporting.

HOUSE SERVICE.

As was anticipated in last year's report there has been a great increase in the number of House connections. During the nine months fifty-seven house connections or extensions were made compared to twenty-three during the twelve months ending March 1878. The following table shews where each of these fifty-seven were fixed and their estimated cost.

List of House-connections made in 1st *Division during the period April to December* 1878.

	Names of Road or Street.	Names of Party.	Door No.	Size of Pipe in street.	Size of Connection Pipe.	Size of Discharge Cock.	Number of Discharge Cocks.	Amount. RS.	A.	P.	Remarks.
1	South Beach ...	The Hon. J. G. Coleman ...	...	6″	3″	1—1″ / 1—2″	2	331	15	0	

List of House-connections made in 2nd *Division during the period April to December* 1878.

1	Mint Street	Venkatasoobrayaloo Chetty...	88	12″	1″	1	1	11	4	11	Extension.
2	Do. do.	Mooljee Jaitha & Co. ...	436	12″	1½″	1″	2	171	0	7	
3	Do. do.	Chinnappa Chetty ...	473	12″	1¼″	1	1	85	10	5	
4	Do. do.	Vencatarama Pillay ...	100	12″	1¼″	1	1	63	9	6	
5	Do. do.	Basoovappa Chetty ...	97	12″	1¼″	1″	1	30	13	1	
6	Do. do.	Damadra Doss	84	12″	1¼″	1″	1	63	11	10	
		Bunseelal Aberchund Row						55	8	0	
7	Do. do.	Bahadoor	433	12″	1¼	1″	1				
8	Do. do.	Nurjee Jug Jeeven ...	425	12″	1¼″	1″	1	19	9	0	
9	Do. do.	Gooroomoorthy Iyah ...	193	14″	1½″	1″	1	80	14	1	
10	,, ,, ...	Veerasawmy Pillay ...	212	7″	1½″	1″	2	112	0	3	
11	,, ,, ...	Coosal Doss Con Doss ...	458 & 459	12″	1½″	1″	5	174	8	11	Extension.
12	,, ,, ...	Runga Charry	176	12″	1½″	1″	1	24	11	3	
13	,, ,, ...	Soobboo Chetty... ...	33	12″	1¼″	1″	1	50	4	8	
14	Narrayana Moodelly Street ...	Ramakistna Iyer ...	103	4″	1″	1″	1	16	4	5	
15	Veerappen Street ...	Narrayanasawmy Naidoo ...	24	4″	1¼″	1	1	21	11	4	
16	Pulleappen Street ...	P. Ethirajooloo Naidoo ...	31	4″	1¼″	1	2	41	2	9	
17	Hanoomuntharayan Covil St.	Balakistna Doss ...	25	7″	1¼″	1″	1	33	7	10	
18	,, ,, ...	Runga Nayagu Ammall ...	2	7″	1¼″	1″	1	19	11	3	
19	Govindappa Naick Street ...	M. Soobrayaloo Naidoo ...	57	12″	1¼″	1″	1	32	0	3	
20	,, ,, ...	Narasimooloo Chetty ...	50	12″	1″	¾″	1	38	9	10	Extension.

List of House-connections made in 2nd Division during the period April to December 1878—(continued).

Number.	Names of Road or Street.	Names of Parties.	Door No.	Size of Pipe in Street.	Size of Connection Pipe.	Size of Discharge Cock.	Number of Discharge Cocks.	Amount. RS.	A.	P.	Remarks.
21	Yagambra Easwarer Agraram	Iyavier Brothers ...	5	4"	1½"	1"	1	12	15	9	Extension.
22	Annapilly Street ...	Lutchoomoosawmy Moodelly.	92	7"	2"	1½"—1 1¼"—1 1"—1	3	179	10	2	
23	" "	Authymoola Moodelly ...	77	7"	1¼"	1"	1	31	13	3	
24	General Hospital Road ...	General Hospital ...	6	21"	1½"	1½"	1	367	0	0	Branch to Boiler room.
25	Andiappa Naick Street ...	G. Vencataramiah ...	112	9"	1½"	1"	1	74	14	8	
26	" "	S. Sashachalla Moodelliar ...	99	9"	1¼"	1"	1	23	3	7	
27	Venkier Street	P. Anantha Charlu ...	2	7"	1¼"	1"	1	113	15	0	
28	Cope Vencatachella Iyer St.	Alwar Chetty	13	4"	1¼"	1"	2	65	6	6	
29	Vurdamootheappen Street ..	M. Soobrayaloo Naidoo ...	35	6"	1½"	1"	2	43	13	5	

List of House-connections made in the 3rd Division during the period April to December 1878.

1	Thumboo Chetty Street ...	Calathy Chetty... ...	321	18"	1½"	1"	2	58	14	9	
2	Benfield's Esplanade ...	A. J. Hare, Esq. ...	...	...	1"	...	...	24	1	6	For connecting the 2" pipes of the E. T. Cable land line in Benfield's Esplanade.
3	Gooroovappen Street ...	C. Kistnasawmy Chetty ...	4	3"	1¼"	1"	2	134	8	4	
4	Do. do. ...	T. Lutchoomiah Naidoo ...	56	3"	1¼"	1"	2	53	13	6	
5	Aucharappen Street ...	Aroomooga Moodelly ...	53 54	4"	2½	1"	4	246	15	6	
6	Do. do. ...	Viziarungum Moodelly ...	70	4"	1"	1"	1	16	12	5	
7	Do. do. ...	Mooroogasa Moodelly ...	55	4"	1½"	1"	1	23	11	4	
8	Munnady Street... ...	Valayootha Moodelly ...	43	14"	1¼"	1"	1	50	4	7	

List of House-connections made in 4th Division during the period April to December 1878.

Number.	Names of Road or Street.	Names of Parties.	Door No.	Size of Pipe in Street.	Size of Connection Pipe.	Size of Discharge Cock.	Number of Discharge Cocks.	Amount. RS.	A.	P.	Remarks.
1	General Farren's Road ...	Buckingham Mills ...	8	4"	4"	1"-6, ⅝"-2	8	1,111	12	9	

List of House-connections made in 5th Division during the period April to December 1878.

Number.	Names of Road or Street.	Names of Parties.	Door No.	Size of Pipe in Street.	Size of Connection Pipe.	Size of Discharge Cock.	Number of Discharge Cocks.	Amount. RS.	A.	P.	Remarks.
1	Lawder's Gate Road ...	Mr. E. N. Prudhome ...	1	36"	1¼"	1¼"	1	262	3	8	
2	Rundall's Road	Eye Infirmary	...	6"	1½"	1" 2, ⅝" 1	3	109	4	4	
3	Do. Do.	Mr. J. B. Kemp	20	6"	1½"	1"	1	65	14	6	
4	Harris' Road	Appavoo Pillay	16	27"	1¼"	1"	1	28	9	7	
5	General Collins' Road ...	Mr. E. Cassidy	5	6"	1¼"	1"	1	131	9	11	
6	Pantheon Road	Lying-in-Hospital ...	...	...	4"	1"	6	...	...	...	

List of House-connections made in 6th Division during the period April to December 1878.

Number.	Names of Road or Street.	Names of Parties.	Door No.	Size of Pipe in Street.	Size of Connection Pipe.	Size of Discharge Cock.	Number of Discharge Cocks.	Amount. RS.	A.	P.	Remarks.
1	Harley's Road	V. Moothoosawmy Moodelly..	5	7"	1½"	1¼"	1	150	10	5	
2	Pathala Ponneammen Covil Road	Mr. E. J. Atkinson ...	5	4"	1½"	1¼"	1	79	2	4	

List of *House-connections made in 7th Division during the period April to December* 1878.

Number.	Names of Road or Street.	Names of Parties.	Door No.	Size of Pipe in Street.	Size of Connection Pipe.	Size of Discharge Cocks.	Number of Discharge Cocks.	Amount.			Remarks.
								RS.	A.	P.	
1	Sawmy Naick Street ...	Shummoogasoondara Moodly	95	6"	1¼"	1"	1	75	13	0	
2	Mount Road ...	P. Orr and Sons ...	197	7"	1¼"	1"	1	142	10	2	
3	Iyah Moodelly Street ...	Narrayan Row ...	8	6"	1"	1"	1	28	9	3	
4	Do. Do. Do ...	Bava Saib ...	84	12"	1¼"	1"	1	48	10	0	
5	Vencatasa Naick Street ...	Venkatarungum Naidoo ...	15	7"	1¼"	1"	2	103	0	0	
6	Tharady Street ..	C. Theroomull Row ...	35	7"	1¼"	1"	2	146	1	7	
7	Madavethy Street ...	Ramasawmy Iyer ...	59	7"	1¼"	1"	1	34	15	2	
8	Singala Charry Street ...	A. Narrayana Row ...	6	6"	1¼"	1"	1	98	12	1	
9	Pycroft's Road ...	Amir Mahal ...	...	...	1¼"	...	...	398	0	0	Extension.

List of House-connections made in 8th Division during the period April to December 1878.

1	Barber's Bridge Road	Chinna Mooneyappa graminy.	72	14"	3"	2"	1	133	14	5	

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

Repair.

Several House-service pipes belonging to private persons were repaired during the year.

QUANTITY AND QUALITY OF SUPPLY.

The annexed table shows the quantity of water drawn during each month in the nine months. The total amount is 116,406,000 or 7,277,537,500 gallons and this gives 2,655,242 gallons per day as the average consumption.

April...	1,46,90,000
May	1,41,76,000
June	1,44,12,000
July	1,28,71,000
August	1,22,90,000
September	1,13,18,000
October	1,21,27,000
November	1,23,13,000
December	1,22,09,000
Total Cubic feet	11,64,06,000

The consumption in the nine months has exceeded the consumption in the year ending April 1878 by 151,954,600 gallons and the daily average exceeding that of 1877-78 by 1,078,302 gallons. If we suppose that 200,000 people use the water of a population of 400,000 then each person used 7·8 gallons during 1877-78 daily and 13 gallons in 1878 daily. In 1877-78 the supply was very deficient and a great part of the supply was obtained by pumping, during the nine months under consideration, there have been no obstacles to a full supply.

The following table No. 1 gives the analysis of the Red Hills water taken from different places on the system in December last—to this table is added column 5 which give the analysis of last year at the Masonry Shaft in April 1878. It will be seen that the water contains more solid matter at present, than then; more Albuminoid Ammonia, and its hardness has decreased from 4°·8 to 3·9 and its permanent hardness from 4°·6 to 1°·5.

Another point to be observed is that the water after passing through the channel contains more animal life than when it left the tank—again this sample contains animal life in more abundance than other samples at the end of the pipes and of course the only conclusion is that the pipes are being filled with these animals which attach themselves to them.* This has also been noted where considerable deposits were found on taking out the large valve at Wallajah Road. The channel therefore is thus the cause not only of making the water more impure than when it leaves the tank but of decreasing the supply in destroying the smooth inner surface of the pipes and lessening their sectional area.

Report on four samples of Red Hills water sent for examination by the Executive Engineer, Madras Municipality.

* This has since been found correct.

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

TABLE No. 1.

	(1) Sample from Basin Red Hills.	(2) Sample from Masonry Shaft Cistern Madumpaukum.	(3) Sample Red Hills water from the 4 tap fountain Ice House Road, Tannah.	(4) Sample from Cistern at Cenotaph opposite High Court.	At Masonry Shaft, 16th April 1878.
Total solids grammes per litre ...	0·250	0 ·270	0 ·237	0 ·240	0 ·180
Volatile " " ...	0·065	0 ·085	0 ·070	0 ·065	0 ·060
Sodium Chloride " ...	0·064	0 ·064	0 ·064	0 ·064	0 ·056
Total Hardness (Clark's Scale) ...	4°·3	3°·9	4°·5	4°·3	4°·8
Permanent do. do. ...	1·°5	1°·5	2°·5	1°·7	4°·6
Free Ammonia Millegrammes, per litre	0·12	0 ·12	0 ·12	0 ·20	0 ·24
Albuminoid Ammonia " "	0·72	0 ·64	0 ·64	0 ·60	0 ·36
Nitric Acid " "	0·37	0 ·60	0 ·37	0 ·37	0 ·30

Remarks.—A small deposit of reddish clay and vegetable debris in all four samples, Animal life most abundant in No. 2 consisting of Monads, Paramecia, Rotifers, Daphniœ and Cyclops. In No. 3, Monads Rotifers and Annelids present, the former in considerable numbers. In No. 1 Rotifers principally observed. In No. 4 animal forms few, chiefly Daphniœ.

In table No. 2 are given the analysis of certain wells in the Municipality (Black Town) from which Barrel-men take their water. An analysis of Seven Wells water is also given. The albuminoid ammonia appears in these specimens in less quantity than in the Red Hills supply.

TABLE No. 2.

Analysis of water from three wells in Black Town.

	Well, old Jail street at Barracks	Well, Memorial Hall Esplanade Tannah.	Well, in cotton press at Public Works Stores.
Total Solids grammes per litre ...	0·210	0·230	0·340
Volatile " " " ...	0·100	0·080	0·090
Sodium Chloride " ...	0·067	0·060	0·050
Total Hardness ...	4°·8	5°·4	6°·6
Permanent " ...	1°·0	1°·0	1°·1
Free Ammonia Millegrammes per litre ...	0·16	0·24	0·20
Albuminoid " " ..	0·48	0·56	0·24
Nitric Acid ...	0·90	0·60	0·90

Remarks.—Appearance and taste of samples good, small deposit of clay and vegetable debris. A few paramecia present in two former: same with Daphniœ, Rotifers and same obscure spherical bodies in third. All soft waters: with little sodium chloride or other inorganic impurity.

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

SEVEN WELLS WATER.

Total Solids grammes per litre	...	0·400
Volatile ,, ,,	...	0·070
Sodium Chloride ,,	...	0·050
Total Hardness ,,	...	4°·4
Permanent ,, ,,	...	1°·2
Free Ammonia Millegrammes per litre	...	0·16
Albuminoid ,, ,,	...	0·44
Nitric Acid ,, ,,	...	0·60

Remarks.—A soft water, good in appearance and taste and containing little sodium chloride. Deposits clay and vegetable debris, in which animals forms Rotifer, Daphniœ and paramecia abound.

All the analysis were made by the Chemical Examiner to Government.

The following table shews the number of hours in each month during which each tank mentioned received a supply of Red Hills water.

List showing Tanks filled and number of hours during which each Tank was supplied with Red Hills water between 1st April and 31st December 1878.

Division.	Place.	Names of Tanks.	April.	May.	June.	July.	August.	September.	October.	November.	December.
4	Perambore...	Tank in Left Wing lines ...	125	142½	169	46	...	...	102	58	64½
4	Cossapett ...	,, in Condasawmy Covil ...	36	24	...	...	...	...	55½	22	10
5	People's Park	,, near Lion shed ...	180	114	...	...	..	...	93½	68¾	93½
5	Do. do..	,, West side	12	50½	...	...	...	...	42½	..	...
5	Do. do.	,, near the North Gate ...	...	...	...	...	...	...	...	31	5
5	Vepery ...	,, in Rundall's Road ...	32	130½	76½	37½	...	12½	109½	71	50
5	Egmore ...	,, in Egmore High Road...	72	18¾	44½	...	...	...	13¾	35½	...
5	Do. ...	,, in Museum	46¾	116¾	13¼	41	...	...	75	67	31½
5	Do. ...	,, in Marshall's Road ...	16	21	5	4½	...	...	16	...	5½
5	Choolay ...	,, in Avadanum Paupier Rd.	24	65½	66½	36½	...	6	72½	34	28
5	Do. ...	,, Paroomal Covil ...	12½	25½	19	11½	...	...	41	23	10½
7	Triplicane ...	,, Parthasarady Covil ...	24	...	24	...	...	...	...	...	...
7	Chintadrepett	,, Balakistnapathy Street...	...	...	...	...	...	...	96	...	...
7	Do. ...	,, Napier Park	...	...	...	...	...	...	744	360	...
8	Mylapore ...	Big Tank	720	744	480	504	744	720	672	720	744
8	Do. ...	Chitracolum Tank	...	...	...	...	...	...	672	...	96

PUBLIC WORKS AND CONSERVANCY DEPARTMENTS.

Expenditure in Workshop from 1st April to 31st December 1878.

Particulars.	Completed Works.			Works in Progress.		
	Rs.	A.	P.	Rs.	A.	P.
Conservancy Contingent charges ..	321	3	2	123	4	7
Contingent Office furniture ..	26	9	8	45	5	11
Improvement of General Market ..	673	5	7	0	0	0
Lighting additional Lamps and Sundries ..	3,347	7	11	17	2	9
Maintenance of Avenues ..	42	15	3	0	0	0
Do Drains ..	22	3	0	0	0	0
Do Screw pile drain ..	96	6	1	0	0	0
Do Roads ..	306	5	1	0	0	0
Do Latrines ..	45	12	10	22	6	10
Do Slaughter houses ..	91	5	2	0	0	0
Do Road-watering ..	106	4	6	4	7	9
Do Sewage Farms ..	22	1	2	0	0	0
Do Fire Engines ..	180	9	9	499	4	7
Do Pipes ..	3,170	13	1	0	0	0
Do Delivery channel ..	1,277	7	5	0	0	0
Napier Park ..	24	4	5	6	4	6
People's Park ..	504	14	3	428	14	10
Latrines and Urinals ..	99	8	6	0	0	0
Repairs of Office Premises ..	71	4	1	0	0	0
Repairs of Fountains ..	1,855	8	0	0	0	0
Stores ..	508	3	9	2,376	5	3
Tools and Plant Work-shop ..	1,176	15	10	0	0	0
Extension of New Fountains ..	1,942	15	11	837	7	8
Extension of Pipes ..	3,974	4	3	0	0	0
Government service pipe work ..	3,941	14	2	0	0	0
Private service pipe works. ..	4,888	7	4	15	2	0
Private Works ..	223	6	9	10	3	3
New shed in stores ..	0	0	0	486	12	3
Contingent Miscellaneous ..	0	0	0	54	2	10
Total Rupees ..	28,942	8	11	4,927	5	0

J. A. JONES, C. E.,

Vice-President,

Public Works and Conservancy Department.

APPENDIX V.

VITAL STATISTICS.

Tables I to IX relate to Births.
" X to XXXII " Deaths.

BIRTHS.

In 1878 there were 15,104 Births as follows :—

	Born Alive.	Still-born.	Total.	Males.	Females.
Europeans	96	5	101	58	43
Eurasians	319	5	324	173	151
Native Christians	505	14	519	266	253
Mahomedans	1,325	46	1,371	717	654
Hindus	12,518	271	12,789	6,664	6,125
Total...	14,763	341	15,104	7,878	7,226

The proportion which these totals bear to the total number born are :—

Born alive.....97·74 per cent.
Still-born..... 2·26 "
Males.....52·16 "
Females.....47·84 "

The " Still-born" then was at a very low percentage, being only a fraction over 2 of every hundred born, or more exactly 9 out of every 400. The sexes were almost on a par, they being at the rate of 10 boys to 9 girls very nearly.

Viewing the Births, with reference to population, there is an excess of 984 over the standard average 14,120 which gives an average per mille of 35·5 ; but

the ratio of last year is 37·9, the excess being due to the Hindus solely, all other races having produced below the average.

	Population.	No. born.	Standard average.	Excess.	Deficiency.	No. born to 1,000 of population.	The standard average being 35·5 per 1,000 of population.	
							Excess per 1,000	Deficiency per 1,000.
Europeans	3,613	101	128	...	27	72·9	...	7·6
Eurasians	12,013	324	427	...	103	26·9	...	8·6
Native Christians ...	21,441	519	762	...	243	24·2	...	11·3
Mahomedans... ...	50,964	1,371	1,810	...	439	26·9	...	8·6
Hindus	309,521	12,789	10,993	1,796	...	41·3	5·8	...
Total...	397,552	15,104	14,120	984	...	37·9	2·4	...

It is satisfactory to note that the registration of Births, beset as it is with many difficulties, is yearly gaining in efficiency as the figures for the past four years sufficiently indicate steady progress—they being :—

In 1875..... 10,433
„ 1876..... 11,823
„ 1877..... 14,384
„ 1878..... 15,104

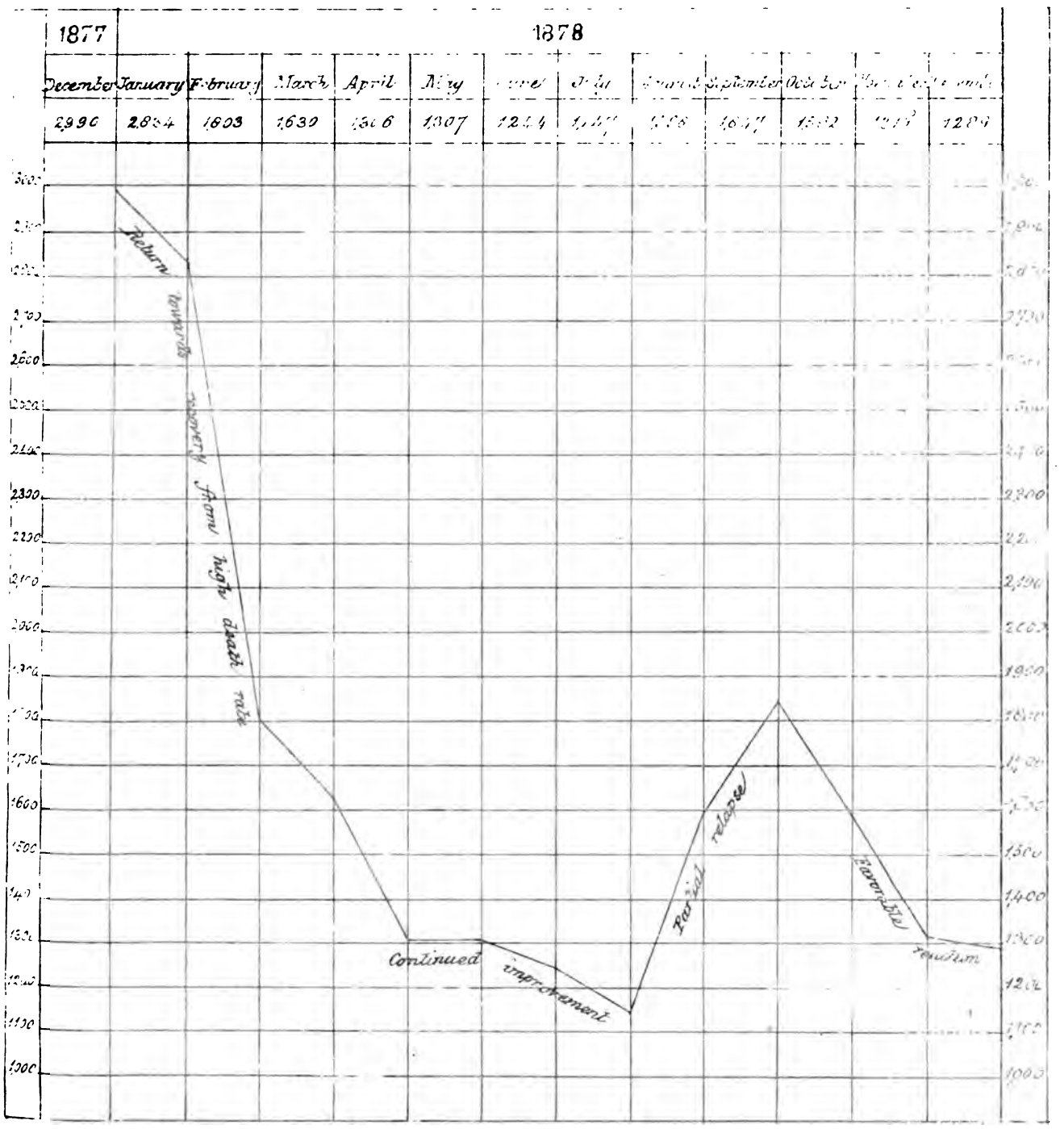
DEATHS.

It is gratifying to be able to record the fact that during the year the City was in a state of recovery from the extreme unhealthfulness which in the two previous years it had experienced from the severity of the famine. The deaths then reported were 25,000 in 1876-77 and 39,716 in 1877-78 ; but in 1878 the number fell to 18,912.

Of the 18,912 deaths in 1878 no less than 6,267, or nearly one-third, occurred in the first three months when release from the effects of the famine had only just then begun. The fluctuation in the mortality is well illustrated in the following table :—

	Monthly Average.	
January.....2,834 February.....1,803 March.....1,630	6,267—2,089	Return towards recovery from the effects of the famine.
April.....1,306 May.....1,307 June.....1,244 July.....1,147	5,004—1,251	continued improvement.
August.....1,598 September.....1,847 October.....1,592	5,037—1,679	partial relapse.
November.....1,315 December.....1,289	2,604—1,302	favorable reaction.
18,912		

The following diagram exhibits the stages more clearly.



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VITAL STATISTICS.

In the Report for 1877-78 it was observed that while Small-pox and Cholera were on the decline, Fevers, Dysentery and Diarrhœa prevailed. These three diseases did not relax their hold in 1878 and accordingly it is found that more than one-half of the deaths were occasioned by them, namely 4,982 by Fevers, 3,434 by Dysentery and 1,108 by Diarrhœa, making a total of 9,524 out of 18,912; Fevers alone being more than one-fourth or 26·34 per cent. Although Small-pox and Cholera did not wholly disappear they were fortunately at a low ebb, Small-pox being at a ratio of only 1·1 and Cholera at 0·2 per 1,000 of population. The deaths among the several classes were:—

	Population.	Deaths.	Ratio per 1,000 of population.
Europeans	3,613	158	43·7
Eurasians	12,013	449	37·3
Native Christians	21,441	622	29·0
Mahomedans	50,964	1,829	35·8
Hindus	309,521	15,854	51·2
Total...	397,552	18,912	47·5

This evidences a somewhat excessive rate of mortality among the Hindus and speaks unfavorably for the health of the Europeans. The former appear to have suffered severely from Fevers and Dysentery.

Both sexes appear to have contributed almost equally to last year's mortality. Of males 9,525 died, and females 9,387—being at the rate of, males 50·3 and females 49·7 to the total number.

The Divisions of the City which proved to be most unhealthy were the 1st and 4th, while the 6th enjoyed exceptional immunity from sickness. The ratios are:—

1st	Division	57·0	5th	Division	41·4
2nd	,,	44·4	6th	,,	25·7
3rd	,,	38·5	7th	,,	41·0
4th	,,	48·8	8th	,,	43·2

The localities which exceeded the average 47·5 are:—

1st	Division,	Royapooram.....	98·0
,,	,,	Cassimode.....	59·3
2nd	,,	Peddoonaickspettah..	48·7
4th	,,	Perambore.....	65·6
5th	,,	Pursewalkum	60·8
,,	,,	Poodoopett	49·8
7th	,,	Poodoopaukum.....	52·8
8th	,,	Royapettah	47·7
,,	,,	Meersaibspettah.....	61·9

VITAL STATISTICS.

Infantile mortality was excessive—as indeed it always is—more than one-third of the deaths having occurred among children under 6 years old. The percentages of deaths under ages classified as follows to the total number are:—

	No. of deaths.	Percentage.
Still-born	341	1·80
Under 1 year	4,074	21·54
1— 6 ,,	3,220	17·03
6— 12 ,,	1,044	5·52
12— 20 ,,	950	5·02
20— 30 ,,	1,618	8·56
30— 40 ,,	1,475	7·80
40— 50 ,,	1,361	7·20
50— 60 ,,	1,568	8·29
Above 60 ,,	3,261	17·24
	18,912	

Of the 3,261 deaths of ages exceeding 60, the particulars are:—

	60 to 70		70 to 80		80 to 90		90 to 94		95		96		97		98		99		Total.		Total of Males and Females.
	M.	F.	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Europeans. ...	6	4	8	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	15	6	21
East Indians ...	14	21	8	10	4	8	1	1	...	...	...	...	...	...	...	...	...	...	27	35	62
Native Christians	33	41	19	30	10	11	5	1	...	...	...	1	...	...	...	...	...	1	67	85	152
Hindus ...	444	585	458	424	289	245	59	4	12	36	1	3	2	3	...	3	7	9	1,272	1,312	2,584
Mahomedans ...	86	131	54	70	41	34	14	...	6	6	...	...	...	...	...	...	...	...	201	241	442
Total...	583	782	547	535	345	294	79	6	18	42	1	4	2	3	...	3	7	10	1,582	1,679	3,261

Return of Births among all Classes arranged according to months for the year 1878.

Population.	BORN ALIVE.													STILL BORN.													TOTAL BIRTHS.		
	3,613		12,013		21,441		309,521		50,964		397,552		Total of Males and Females.	3,613		12,013		21,441		309,521		50,964		397,552		Total of Males and Females.	Males.	Females.	Total of Males and Females.
	Europeans.		East Indians.		Native Christians.		Hindus.		Mahomedans.		Total.			Europeans.		East Indians.		Native Christians.		Hindus.		Mahomedans.		Total.					
Months.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				
April 1878	6	3	14	9	16	20	489	436	51	49	576	517	1,093.	1	..	..	...	1	1	9	16	...	3	11	20	31	587	537	1,124
May „	3	1	25	14	21	15	523	472	67	61	639	563	1,202	...	...	1	...	...	1	11	9	4	2	16	12	28	655	575	1,230
June „	4	4	13	14	20	23	569	497	67	72	673	610	1,283	...	...	...	...	...	1	15	11	3	3	18	15	33	691	625	1,316
July „	1	3	16	18	15	13	661	564	62	57	755	655	1,410	...	...	...	...	1	...	12	12	2	2	15	14	29	770	669	1,439
August „	3	6	16	13	21	24	624	570	59	57	723	670	1,393	...	...	...	...	...	...	16	15	2	4	18	19	37	741	689	1,430
September „	5	2	13	15	29	16	600	579	76	56	723	668	1,391	..	...	...	...	...	...	17	8	1	...	18	8	26	741	676	1,417
October „	10	5	10	5	21	26	577	513	64	31	682	580	1,262	1	1	1	...	...	...	12	20	3	2	17	23	40	699	603	1,302
November „	6	2	7	13	39	30	535	492	50	43	637	580	1,217	...	...	...	..	1	..	7	9	2	2	10	11	21	647	591	1,238
December „	5	3	16	11	20	22	524	490	48	50	613	576	1,189	...	1	...	...	4	1	8	6	..	1	12	9	21	625	585	1,210
Total...	43	29	130	112	202	189	5,102	4,613	544	476	6,021	5,419	11,440	2	2	2	...	7	4	107	106	17	19	135	131	266	6,156	5,550	11,706
Total for January, Feb. & Mar.	12	12	39	38	56	58	1,428	1,375	151	154	1,636	1,637	3,323	1	...	2	1	1	2	27	31	5	5	36	39	75	1,722	1,676	3,398
Total...	55	41	169	150	258	247	6,530	5,988	695	630	7,707	7,056	14,763	3	2	4	1	8	6	134	137	22	24	171	170	341	7,878	7,226	15,104
Total of Males and Females..	96		319		505		12,518		1,325		14,763		...	5		5		14		271		46		341		...	15,104		...
Ratio per 1,000 of population.	25·5		26·5		23·7		40·4		25·9		37·1		...	1·3		0·4		0·6		0·8		0·9		0·8		..	37·9		...

TABLE II.—BIRTHS.

Return showing the average Births in Madras for 9 previous years ending 1877 as contrasted with the Births of the year 1878.

—	Born Alive.											Still Born.											Total Births.			Order of precedence according to number of Births.
	Europeans.		East Indians.		Hindus.		Mahomedans.		Total.		Total of Males and Females.	Europeans.		East Indians.		Hindus.		Mahomedans.		Total.		Total of Males and Females.	Males.	Females.	Total of Males and Females.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.					
1869	57	52	220	179	1,879	1,609	217	197	2,373	2,037	4,410	2	2	8	8	74	80	18	10	102	100	202	2,475	2,137	4,612	10
1870	53	71	216	185	2,393	2,153	289	249	2,956	2,658	5,614	2	2	8	4	89	65	8	7	107	78	185	3,063	2,736	5,799	9
1871	56	44	177	225	3,874	3,230	414	322	4,521	3,821	8,342	...	...	2	5	89	63	17	17	108	85	193	4,629	3,906	8,535	7
1872	43	38	205	185	3,761	3,113	363	278	4,372	3,614	7,986	...	1	4	1	76	65	16	17	96	84	180	4,468	3,698	8,166	8
1873	39	35	180	169	4,317	3,742	377	306	4,913	4,252	9,165	1	...	4	4	104	76	14	14	123	94	217	5,036	4,346	9,382	6
1874	43	45	174	173	4,934	4,366	581	510	5,732	5,094	10,826	3	3	5	5	141	103	38	29	187	140	327	5,919	5,234	11,153	4
1875	47	43	188	159	4,509	4,054	575	514	5,319	4,770	10,189	2	2	8	4	146	122	38	22	194	150	344	5,513	4,920	10,433	5
1876	53	70	171	175	5,271	4,645	514	490	6,009	5,330	11,389	1	4	8	7	199	147	33	35	241	193	434	6,250	5,573	11,823	3
1877	43	41	159	172	6,794	5,730	598	513	7,594	6,456	14,050	6	5	6	8	135	135	22	17	169	165	334	7,763	6,621	14,384	2
Total... ...	434	439	1,690	1,622	37,737	32,642	3,928	3,379	43,789	38,082	81,871	17	19	53	46	1,053	856	204	168	1,327	1,089	2,416	45,116	39,171	84,287	...
Average... ...	48·2	48·8	187·8	180·2	4193·0	3626·9	436·4	375·4	4865·4	4231·3	9096·7	1·9	2·1	5·9	5·1	117·0	95·1	22·6	18·7	147·4	121·0	268·4	5012·9	4352·3	9365·2	..
1878	55	41	169	150	6,788	6,235	695	630	7,707	7,056	14,763	3	2	4	1	142	143	22	24	171	170	341	7,878	7,226	15,104	1
Increase... ...	6·8	...	...	...	2595·0	2608·1	258·6	254·6	2841·6	2824·7	5666·3	1·1	...	...	...	25·0	47·9	...	5·3	23·6	49·0	72·6	2865·1	2873·7	5738·8	...
Decrease ...	...	7·8	18·8	30·2	...	...	...	...	...	...	...	...	0·1	1·9	4·1	...	...	0·6	...	...	...	...	..	...	...	...

VITAL STATISTICS.

TABLE III.—BIRTHS.

Return of Births among Europeans in each Village of the City of Madras, for the year 1878, arranged according to Months.

Municipal Divisions.	Names of Villages.	Europeans. Apl. Born Alive.	Apl. Still Born.	May Born Alive.	May Still Born.	June Born Alive.	June Still Born.	July Born Alive.	July Still Born.	Aug. Born Alive.	Aug. Still Born.	Sep. Born Alive.	Sep. Still Born.	Oct. Born Alive.	Oct. Still Born.	Nov. Born Alive.	Nov. Still Born.	Dec. Born Alive.	Dec. Still Born.	Total. Born Alive.	Total. Still Born.	Total Births.	Total for January, February and March.	Total Births.
1	Tondiarpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Washermenpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Royapuram	2	...	...	..	1	...	2	...	1	...	1	...	1	...	...	...	1	...	9	...	9	1	10
	Cashmode	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	2	...	...	...	1	...	2	...	1	...	1	...	1	...	...	...	1	...	9	...	9	1	10
2	Peddoo Naick's Pettah ...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	3	...	3	1	4
	Big Parcherry	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	John Pereira's Garden ...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	..	2	...	2	...	2
	Total...	...	...	...	...	1	...	...	...	3	...	1	...	...	...	...	...	...	...	5	...	5	1	6
3	Moothealpettah	4	1	2	...	...	...	2	...	...	...	...	...	2	...	...	...	2	...	12	1	13	7	20
	Uttapaulium	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort St. George	...	..	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1	1	2
	Total...	4	1	2	...	...	...	2	...	1	...	...	...	2	...	...	...	2	...	13	1	14	8	22
4	Gunpowder Mills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Perambore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Viasarapaudy	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1
	Total...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	2
5	Choolay	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pursewalkum	...	...	...	...	1	...	...	...	1	...	...	...	1	...	1	...	...	...	4	...	4	2	6
	Pareamettoo	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	3	...	4	...	4	...	4
	New Town	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	1
	Vepery	...	...	...	...	...	...	...	...	1	...	1	...	4	...	1	...	...	...	7	...	7	1	8
	Poodoopettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Egmore	1	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	3	1	4	2	6
	Comaleeswarapuram	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	1	...	...	...	2	...	...	...	2	...	3	...	6	1	2	...	3	...	19	1	20	5	25
6	Kilpaukum	...	...	...	...	1	...	...	...	1	...	...	...	2	...	...	...	...	...	2	...	2	...	2
	Chetput	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	2
	Nungumbakum	...	...	...	...	1	...	...	...	...	...	1	...	1	...	...	...	1	...	4	...	4	1	5
	Mackey's Garden	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	...	...	...	...	2	...	...	...	1	...	1	...	3	...	...	...	1	...	8	..	8	1	9
7	Poodoopaukum	...	...	...	..	...	...	...	...	1	...	...	...	...	...	1	...	...	1	2	1	3	1	4
	Chintadripettah	1	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	3	4
	Narasingapuram	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	1	2
	Triplicane	...	...	...	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	2	1	3	...	3
	Theroovateeswaranpettah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	1	...	...	..	1	...	...	...	1	...	...	...	1	1	2	...	...	1	6	2	8	5	13
8	Saint Thomé	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	3	...	3	1	4
	Alwarpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Royapettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	1
	Meersaib's Pettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kistnampettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Thanampettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	1
	Total...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	3	...	1	...	5	...	5	1	6
	General Total...	8	1	2	...	8	...	4	...	9	...	7	...	13	2	7	...	8	1	66	4	70	23	93
	Lying-in-Hospital	1	...	2	..	...	...	...	...	...	...	...	...	2	...	1	...	...	...	6	...	6	2	8
	Total...	1	...	2	...	...	...	...	...	...	...	...	...	2	...	1	...	...	...	6	...	6	2	8
	General Total...	9	1	4	...	8	...	4	...	9	...	7	...	15	2	8	...	8	1	72	4	76	25	101

VITAL STATISTICS.

TABLE IV.—BIRTHS.

Return of Births among East Indians in each Village of the City of Madras, for the year 1878, arranged according to Months.

Municipal Divisions.	Names of Villages.	East Indians. Apl. Born Alive.	Apl. Still Born.	May Born Alive.	May Still Born.	June Born Alive.	June Still Born.	July Born Alive.	July Still Born.	Aug. Born Alive.	Aug. Still Born.	Sep. Born Alive.	Sep. Still Born.	Oct. Born Alive.	Oct. Still Born.	Nov. Born Alive.	Nov. Still Born.	Dec. Born Alive.	Dec. Still Born.	Total. Born Alive.	Total. Still Born.	Total Births.	Total for January, February and March.	Total Births.
1	Tondiarpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Washermenpettah	...	.	...	...	1	...	1	...	...	...	...	...	.	...	...	...	...	...	2	...	2	...	2
	Royapuram	4	...	4	...	...	...	3	...	3	...	...	..	2	...	1	...	1	...	18	...	18	3	21
	Cashmode	..	...	...	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	4	...	4	1	5
	Total...	4	...	4	...	4	...	5	...	3	...	...	...	2	...	1	..	1	...	24	...	24	4	28
2	Peddoo Naick's Pettah ...	2	...	3	...	3	...	6	...	4	...	6	...	...	...	1	...	4	...	29	...	29	8	37
	Big Parcherry	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	..	1	1
	John Pereira's Garden ...	1	...	...	...	..	...	...	...	...	..	...	...	...	...	...	...	..	...	1	...	1	1	2
	Total...	3	...	3	...	3	...	6	...	4	...	6	...	...	...	1	...	4	...	30	...	30	10	40
3	Moothealpettah	5	...	10	...	6	...	3	...	7	...	6	...	5	1	1	...	8	...	51	1	52	13	65
	Uttapauliam	...	...	...	...	...	...	...	...	...	...	...	...	...	..	.	...	...	...	...	...	...	...	...
	Fort St. George	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	5	...	10	...	6	...	3	...	7	...	6	...	5	1	1	...	8	...	51	1	52	13	65
4	Gunpowder Mills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Perambore	...	...	2	...	2	...	...	...	...	...	...	..	...	...	3	...	1	...	8	...	8	3	11
	Viasarapaudy	...	...	...	...	⋮	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	..
	Total...	...	..	2	...	2	...	...	...	...	...	...	...	...	...	3	...	1	...	8	...	8	3	11
5	Choolay	...	...	...	...	...	...	...	...	...	...	...	...	..	...	1	...	...	...	1	...	1	...	1
	Pursewalkum	1	...	1	1	2	...	4	...	1	...	2	...	...	...	1	...	1	...	13	1	14	7	21
	Pareamettoo	2	...	3	...	4	...	...	...	1	...	1	...	2	...	...	...	2	...	15	...	15	2	17
	New Town	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Vepery	1	...	3	...	...	...	3	...	2	...	3	...	1	...	2	...	5	...	20	...	20	6	26
	Poodoopettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	1	...	1	..	1	1	2
	Egmore	..	...	...	...	...	..	...	...	...	...	...	..	1	...	...	...	...	...	1	...	1	2	3
	Comaleeswarapuram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
	Total...	4	...	7	1	6	...	7	...	4	...	6	...	4	...	4	..	9	...	51	1	52	18	70
6	Kilpaukum	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chetput	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
	Nungumbakum	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mackey's Garden	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	3	...	3	...	3
	Total...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	3	...	3	...	3
7	Poodoopaukum	...	...	...	...	...	...	...	...	..	...	...	...	..	...	...	...	...	...	...	...	...	...	...
	Chintadripettah	...	..	1	...	...	...	...	...	1	...	1	...	...	...	...	...	..	...	2	...	2	1	3
	Narasingapuram	1	...	...	...	1	...	..	...	1	...	...	...	...	...	1	...	...	...	5	...	5	1	6
	Triplicane	...	...	...	...	...	...	...	...	...	...	...	..	...	...	2	...	...	...	2	...	2	...	2
	Theroovateeswaranpettah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	1	...	1	...	1	...	...	...	2	...	1	...	...	...	3	...	...	...	9	...	9	2	11
8	Saint Thomé	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	3	4
	Alwarpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Royapettah	1	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	4	...	4	2	6
	Meersaib's Pettah	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	2
	Kistnampettah	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
	Thanampettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
	Total...	1	...	1	...	1	...	1	...	1	...	...	...	...	...	1	...	...	...	6	...	6	6	12
	General Total...	18	...	28	1	24	..	24	...	21	...	19	...	11	1	14	...	23	...	182	2	184	56	240
	Lying-in-Hospital	5	...	11	...	3	...	10	...	8	...	9	...	4	...	6	...	4	...	60	...	60	24	84
	Total...	5	...	11	...	3	...	10	...	8	...	9	...	4	...	6	...	4	..	60	...	60	24	84
	General Total...	23	...	39	1	27	...	34	..	29	...	28	...	15	1	20	...	27	..	242	2	244	80	324

VITAL STATISTICS.

TABLE V.—BIRTHS.

Return of Births among Native Christians in each Village of the City of Madras, for the year 1878, *arranged according to Months.*

Municipal Divisions.	Names of Villages.	Native Christians. Apl. Born Alive.	Apl. Still Born.	May Born Alive.	May Still Born.	June Born Alive.	June Still Born.	July Born Alive.	July Still Born.	Aug. Born Alive.	Aug. Still Born.	Sep. Born Alive.	Sep. Still Born.	Oct. Born Alive.	Oct. Still Born.	Nov. Born Alive.	Nov. Still Born.	Dec. Born Alive.	Dec. Still Born.	Total. Born Alive.	Total. Still Born.	Total Births.	Total for January, February and March.	Total Births.
1	Tondiarpettah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Washermenpettah ...	2	...	1	...	1	...	1	...	...	...	5	...	1	...	...	...	...	...	11	...	11	2	13
	Royapuram ...	9	...	7	...	5	...	5	...	6	...	6	...	6	...	3	...	13	...	60	...	60	11	71
	Cashmode ...	4	...	8	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	14	...	14	4	18
	Total...	15		16	...	6	...	6	...	6	...	12	...	7	...	3	...	14	...	85	...	85	17	102
2	Peddoo Naick's Pettah ...	...	...	...	...	3	...	3	...	1	...	1	...	...	...	1	...	...	...	9	...	9	8	17
	Big Parcherry ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	John Pereira's Garden ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	...	...	...	...	3	...	3	...	1	...	1	...	...	...	1	...	...	...	9	...	9	9	18
3	Moothealpettah ...	2	...	5	...	8	...	4	...	7	...	5	...	8	...	13	...	2	1	54	1	55	23	78
	Uttapaulium ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort St. George ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	2	...	5	...	8	...	4	...	7	...	5	...	8	...	13	...	2	1	54	1	55	23	78
4	Gunpowder Mills...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Perambore ...	...	...	1	...	1	...	2	...	...	...	...	...	1	...	1	...	...	...	6	...	6	1	7
	Viasarapaudy ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	...	...	1	...	1	...	2	...	...	...	...	...	1	...	1	...	...	...	6	...	6	1	7
5	Choolay ...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	3	...	3	..	3
	Pursewalkum ...	2	...	5	...	3	...	1	1	4	...	1	...	1	...	5	...	1	...	23	1	24	3	27
	Pareamettoo ...	...	...	...	...	3	1	...	...	4	...	...	...	2	...	2	...	4	...	15	1	16	1	17
	New Town ...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Vepery ...	...	...	1	...	1	..	1	...	1	...	...	...	...	...	2	...	1	...	7	...	7	1	8
	Poodoopettah ...	...	...	1	...	3	...	2	...	4	...	2	...	1	...	1	...	3	1	17	1	18	3	21
	Egmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Comaleeswarapuram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	2	...	8	...	10	1	4	1	13	...	3	...	5	...	11	...	9	1	65	3	68	9	77
6	Kilpaukum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chetput	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
	Nungumbakum ...	...	..	...	..	...	...	1	...	2	...	2	...	...	...	2	...	1	..	8	...	8	4	12
	Mackey's Garden...	...	...	...	...	...	..	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1	...	1
	Total...	...	...	...	...	...	...	1	...	2	...	2	...	1	...	2	...	1	...	9	...	9	4	13
7	Poodoopaukum ...	3	...	...	...	...	...	1	...	...	...	...	...	...	...	4	1	...	...	8	1	9	3	12
	Chintadripettah ...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	3	...	3	1	4
	Narasingapuram ...	...	...	..	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	1	3
	Triplicane ...	1	...	..	...	...	...	2	...	...	...	3	...	2	...	2	...	...	...	10	...	10	3	13
	Theroovateeswaranpettah ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	4	...	...	...	2	...	3	...	1	...	4	...	3	...	6	1	...	...	23	1	24	8	32
8	Saint Thomé ...	4	...	3	...	1	...	2	...	4	...	2	...	3	...	1	...	2	...	22	...	22	8	30
	Alwarpettah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
	Royapettah ...	...	...	...	...	3	...	...	...	...	...	1	...	1	...	1	...	1	...	7	...	7	2	9
	Meersaib's Pettah ...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	2	...	2	...	2
	Kistnampettah ..	...	...	..	...	...	...	..	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	1
	Thanampettah ...	1	...	...	...	...	...	...	...	2	...	1	...	3	..	2	...	...	...	9	...	9	...	9
	Total...	5	...	3	...	4	...	3	...	6	...	4	...	7	...	5	...	4	...	41	..	41	10	51
	General Total...	28	...	33	...	34	1	26	1	36	...	31	...	32	...	42	1	30	2	292	5	297	81	378
	Lying-in-Hospital...	8	2	3	1	9	...	2	...	9	...	14	...	15	...	27	...	12	3	99	6	105	36	141
	Total...	8	2	3	1	9	...	2	...	9	...	14	...	15	...	27	...	12	3	99	6	105	36	141
	General Total...	36	2	36	1	43	1	28	1	45	...	45	...	47	...	69	1	42	5	391	11	402	117	519

APPENDIX V.

VITAL STATISTICS.

TABLE VI.—BIRTHS.

Return of Births among Hindus in each Village of the City of Madras, for the year 1878, arranged according to Months.

Municipal Divisions.	Names of Villages.	Hindus. April. Born Alive.	April. Still Born.	May. Born Alive.	May. Still Born.	June. Born Alive	June. Still Born.	July. Born Alive.	July. Still Born.	August. Born Alive.	August. Still Born.	Sept. Born Alive	Sept. Still Born.	October. Born Alive.	October. Still Born.	Nov. Born Alive.	Nov. Still Born.	Dec. Born Alive.	Dec. Still Born.	Total. Born Alive.	Total. Still Born.	Total Births.	Total for January, February and March.	Total Births.
1	Tondiarpettah...	12	..	17	1	17	..	25	..	15	..	22	..	17	..	9	..	14	..	148	1	149	45	194
	Washermen-pettah	122	..	123	1	157	1	174	..	160	1	162	..	154	2	142	2	144	2	1,338	9	1,347	391	1,738
	Royapuram ..	86	2	86	..	94	..	82	..	74	1	93	..	89	..	76	..	76	..	756	3	759	279	1,038
	Cashmode.. ..	31	1	42	..	37	..	45	..	47	..	35	1	45	..	48	..	32	..	362	2	364	113	477
	Total..	251	3	268	2	305	1	326	..	296	2	312	1	305	2	275	2	266	2	2,604	15	2,619	828	3,447
2	Peddoo Naick's Pettah	158	8	165	1	164	5	173	3	183	4	149	3	145	8	139	4	158	3	1,434	39	1,473	468	1,941
	Big Parcherry..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	John Pereira's Garden	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total..	158	8	165	1	164	5	173	3	183	4	149	3	145	8	139	4	158	3	1,434	39	1,473	468	1,941
3	Moothealpet-tah	75	3	93	6	98	2	118	5	108	7	127	6	98	2	93	2	76	2	886	35	921	298	1,219
	Uttapaulium ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Fort St. George	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total..	75	3	93	6	98	2	118	5	108	7	127	6	98	2	93	2	76	2	886	35	921	298	1,219
4	Gunpowder Mills	..	..	2	..	1	..	1	..	1	..	1	..	2	..	6	..	2	..	16	..	16	1	17
	Perambore ..	21	..	17	..	16	..	33	1	24	3	30	..	21	..	22	2	15	..	199	6	205	38	243
	Viasarapaudy ..	..	1	3	..	9	..	15	1	12	..	3	1	7	..	8	1	3	..	60	4	64	12	76
	Total..	21	1	22	..	26	..	49	2	37	3	34	1	30	..	36	3	20	..	275	10	285	51	336
5	Choolay	26	4	35	..	45	3	43	1	38	2	25	..	23	2	29	..	31	3	295	15	310	89	399
	Pursewalkum ..	45	..	51	..	48	..	46	..	70	1	54	2	53	2	42	1	46	1	455	7	462	117	579
	Pareamettoo ..	10	..	20	..	9	..	16	..	15	3	6	..	14	..	9	..	16	..	115	3	118	37	155
	New Town ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..
	Vepery	1	..	..	..	2	..	..	..	1	..	2	..	1	1	5	..	9	..	21	1	22	5	27
	Poodoopettah ..	5	..	7	..	2	..	9	..	7	..	9	..	5	..	7	..	8	..	59	..	59	23	82
	Egmore	16	..	17	..	4	2	13	1	15	..	19	1	8	1	13	..	16	..	121	5	126	46	172
	Comaleeswara-puram	6	..	7	..	4	..	10	..	17	1	6	..	20	..	5	..	11	..	86	1	87	39	126
	Total..	109	4	137	..	114	5	137	2	163	7	121	3	124	6	110	1	137	4	1,152	32	1,184	356	1,540
6	Kilpaukum ..	17	..	13	..	10	..	4	..	8	..	11	..	13	..	15	..	6	..	97	..	97	36	133
	Chetput	24	..	18	..	37	..	13	4	13	..	16	..	13	..	12	1	17	..	163	5	168	56	224
	Nungumba-kum	20	1	19	..	24	2	25	1	17	..	28	1	24	..	18	..	15	..	190	5	195	67	262
	Mackey's Gar-den . ..	19	..	13	..	17	1	15	..	11	..	11	..	12	..	12	..	18	..	128	1	129	39	168
	Total..	80	1	63	..	88	3	57	5	49	..	66	1	62	..	57	1	56	..	578	11	589	198	787
7	Poodoopaukum.	7	1	8	..	12	..	29	..	18	..	17	..	13	..	31	..	14	..	149	1	150	27	177
	Chintadripettah	36	..	32	1	30	5	48	1	60	..	46	..	40	2	34	..	31	..	357	9	366	108	474
	Narasinga-pooram	2	..	5	..	5	..	7	..	4	..	4	..	7	..	1	..	4	..	39	..	39	14	53
	Triplicane ..	48	..	49	1	53	..	57	..	60	..	66	..	73	1	62	..	69	..	537	2	539	107	646
	Theroovatees-waranpettah..	9	..	7	..	9	..	8	..	12	..	9	..	6	..	13	..	5	..	78	...	78	10	88
	Total..	102	1	101	2	109	5	149	1	154	..	142	..	139	3	141	..	123	..	1,160	12	1,172	266	1,438
8	Saint Thomé ..	41	1	50	..	45	..	57	..	58	..	74	..	50	1	53	..	54	..	482	2	484	117	601
	Alwarpettah ..	..	..	2	..	1	..	1	..	4	..	4	..	6	..	6	..	4	..	28	..	28	..	28
	Royapettah ..	8	..	11	..	9	2	13	..	9	..	11	..	10	..	11	..	12	..	94	2	96	30	126
	Meersaib's Pettah	3	..	3	..	6	..	7	..	6	..	7	..	6	..	5	..	3	..	46	..	46	8	54
	Kisthampettah..	6	..	4	..	8	..	13	..	6	..	6	..	8	..	8	..	3	..	62	..	62	12	74
	Thanampettah	11	..	12	..	5	..	13	..	20	..	14	..	21	..	10	..	14	..	120	..	120	42	162
	Total..	69	1	82	..	74	2	104	..	103	..	116	..	101	1	93	..	90	..	832	4	836	209	1,045
	General Total..	865	22	931	11	978	23	1,113	18	1,093	23	1,067	15	1,004	22	944	13	926	11	8,921	158	9,079	2,674	11,753
	Lying-in-Hos-pital	60	3	64	9	88	3	112	6	101	8	112	10	86	10	83	3	88	3	794	55	849	187	1,036
	Total..	60	3	64	9	88	3	112	6	101	8	112	10	86	10	83	3	88	3	794	55	849	187	1,036
	General Total..	925	25	995	20	1,066	26	1,225	24	1,194	31	1,179	25	1,090	32	1,027	16	1,014	14	9,715	213	9,928	2,861	12,789

VITAL STATISTICS.

TABLE VII.—BIRTHS.

Return of Births among Mahomedans in each Village of the City of Madras, for the year 1878, arranged according to Months.

Municipal Divisions.	Names of Villages.	MAHOMEDANS. April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.		Total.			Total for January, February and March.	Total Births.
		Born Alive	Still Born.	Born Alive.	Still Born.	Born Alive.	Still Born.	Born Alive.	Still Born.	Born Alive	Still Born.	Born Alive.	Still Born.	Born Alive.	Still Born.	Born Alive.	Still Born.	Born Alive.	Still Born.	Born Alive.	Still Born.	Total Births.		
1	Toudiarpettah ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	..	...	...	1	...	1	..	1
	Washermenpettah ...	5	...	10	...	9	...	5	...	6	1	4	...	3	1	4	1	4	...	50	3	53	27	80
	Royapuram ...	3	...	6	...	5	...	5	...	8	...	9	..	5	...	2	...	1	..	44	...	44	18	62
	Cashmode ...	5	..	9	1	6	...	11	..	8	1	8	...	7	...	6	...	5	...	65	2	67	19	86
	Total...	13	...	25	1	21	...	21	...	22	2	21	...	15	1	12	1	10	...	160	5	165	64	229
2	Peddoo Naick's Pettah	3	...	6	...	3	...	...	...	...	...	3	...	3	...	1	..	1	...	20	...	20	7	27
	Big Parcherry ...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	John Pereira's Garden...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	3	...	6	...	3	...	...	...	...	...	3	...	3	...	1	...	1	...	20	...	20	8	23
3	Moothealpettah ...	16	1	26	1	24	1	27	2	26	..	23	...	28	1	22	...	24	...	216	6	222	57	279
	Uttapaulium ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort St. George ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	16	1	26	1	24	1	27	2	26	...	23	...	28	1	22	...	24	...	216	6	222	57	279
4	Gunpowder Mills ...	1	...	1	..	...	...	1	...	...	...	1	...	1	...	...	...	...	...	5	...	5	...	5
	Perambore ...	7	1	1	1	12	1	10	...	7	...	3	...	2	...	3	...	6	...	51	3	54	5	59
	Viasarapaudy ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	1
	Total..	8	1	2	1	12	1	11	...	7	...	4	...	3	...	4	...	6	...	57	3	60	5	65
5	Choolay ...	1	...	4	...	1	...	1	...	...	...	...	...	...	...	...	1	...	...	7	1	8	5	13
	Pursewalkum ...	...	...	...	...	3	...	...	...	...	...	1	...	3	...	1	...	...	...	8	...	8	1	9
	Pareamettoo ...	3	...	...	...	1	...	...	...	1	...	...	...	3	..	...	...	2	...	10	...	10	6	16
	New Town ...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	.	...	...	...	...	...	...
	Vepery ...	...	...	...	...	1	...	...	...	...	...	3	...	...	..	3	...	3	...	10	...	10	...	10
	Poodoopettah ...	1	...	2	...	...	...	1	...	1	...	2	...	1	...	...	...	...	...	8	...	8	3	11
	Egmore ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	..	...	1	...	1	2	3
	Comaleeswarapuram ...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	5	...	6	...	7	...	2	...	2	...	6	...	7	...	4	1	5	...	44	1	45	17	62
6	Kilpaukum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chetput... ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	...	2	...	2
	Nungumbakum ..	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	...	3
	Mackey's Garden ...	4	..	1	...	1	...	1	...	...	...	2	...	3	...	...	...	...	...	12	...	12	...	12
	Total...	5	...	1	...	4	...	1	..	...	...	2	...	3	...	1	...	...	...	17	...	17	...	17
7	Poodoopaukum... ...	1	...	9	1	8	...	9	...	4	.	12	...	1	...	12	1	8	...	64	2	66	19	85
	Chintadripettah ...	4	...	..	...	2	...	1	...	2	...	...	...	...	...	4	...	1	..	14	...	14	9	23
	Narasingapuram ...	...	...	2	...	2	...	...	...	2	...	...	...	1	.	...	...	4	...	11	...	11	1	12
	Triplicane	33	1	34	...	37	...	34	1	29	2	30	1	21	3	20	1	25	..	263	9	272	81	353
	Theroovateeswarnpettah	3	...	8	1	6	...	3	...	5	...	8	...	...	...	4	...	2	...	39	1	40	12	52
	Total...	41	1	53	2	55	...	47	1	42	2	50	1	23	3	40	2	40	...	391	12	403	122	525
8	Saint Thomé	4	...	2	...	3	1	2	...	6	...	5	...	3	...	3	...	1	...	29	1	30	11	41
	Alwarpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...
	Royapettah	1	...	1	...	7	...	3	...	6	1	8	...	3	...	3	...	7	1	39	2	41	14	55
	Meersaib's Pettah ...	1	...	3	...	1	1	2	...	4	1	2	...	4	...	1	...	2	...	20	2	22	7	29
	Kistnampettah ...	1	...	...	...	...	...	1	...	...	...	2	...	1	...	...	...	...	..	5	...	5	..	5
	Thanampettah ...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	2	...	2	4	6
	Total...	7	...	6	...	11	2	9	...	16	2	18	...	11	...	7	...	10	1	95	5	100	36	136
	General Total...	98	3	125	5	137	4	118	3	115	6	127	1	93	5	91	4	96	1	1,000	32	1,032	309	1341
	Lying-in-Hospital...	2	...	3	1	2	2	1	1	1	...	5	...	2	...	2	...	2	...	20	4	24	6	30
	Total...	2	...	3	1	2	2	1	1	1	...	5	...	2	...	2	...	2	...	20	4	24	6	30
	General Total...	100	3	128	6	139	6	119	4	116	6	132	1	95	5	93	4	98	1	1,020	36	1,056	315	1371

VITAL STATISTICS.

TABLE VIII.—BIRTHS.

Return of Births among all Classes in each Village of the City of Madras, for the year 1878.

Municipal Divns.	Names of Villages.	Population.	Europeans.		East Indians.		Native Christians.		Hindus.		Mahomedans.		Total.		Total Births.	Total Births of all classes for Jan., Feb. and March.	Total Births.	Ratio per 1,000 of Population.
			Born Alive.	Still Born.	Born Alive.	Still Born.	Born Alive.	Still Born.	Born Alive.	Still Born.	Born Alive.	Still Born.	Born Alive.	Still Born.				
1	Tondiarpettah	35,240	..	..	..	..	..	..	148	1	1	..	149	1	150	45	195	49·1
	Washermenpettah ..	6,409	..	..	2	..	11	..	1,338	9	50	3	1,401	12	1,413	420	1,833	
	Royapuram	11,089	9	..	18	..	60	..	756	3	44	..	887	3	890	312	1,202	108·3
	Cashmode	12,383	..	..	4	..	14	..	362	2	65	2	445	4	449	137	586	47·2
	Total..	65,121	9	..	24	..	85	..	2,604	15	160	5	2,882	20	2,902	914	3,816	58·5
2	Peddoo Naick's Pettah ..	65,629	3	..	29	..	9	..	1,434	39	20	..	1,495	39	1,534	492	2,026	30·8
	Big Parcherry ..	5,179	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	0·5
	John Pereira's Garden ..	2,930	2	..	1	..	..	..	..	..	..	..	3	..	3	1	4	1·3
	Total..	73,738	5	..	30	..	9	..	1,434	39	20	..	1,498	39	1,537	496	2,033	27·5
3	Moothealpettah ..	32,062	12	1	51	1	54	1	886	35	216	6	1,219	44	1,263	398	1,661	32·5
	Uttapaulium	18,895	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Fort St. George ..	1,588	1	..	..	..	..	..	..	...	..	..	1	..	1	1	2	1·2
	Total..	52,545	13	1	51	1	54	1	886	35	216	6	1,220	44	1,264	399	1,663	31·6
4	Gunpowder Mills ..	641	..	..	..	..	..	..	16	..	5	..	21	..	21	1	22	34·3
	Perambore	5,650	..	..	8	..	6	..	199	6	51	3	264	9	273	48	321	56·8
	Viasarapaudy.. ..	3,500	1	..	..	..	..	..	60	4	1	..	62	4	66	12	78	22·2
	Total..	9,791	1	..	8	..	6	..	275	10	57	3	347	13	360	61	421	42·2
5	Choolay	15,000	..	..	1	..	3	..	295	15	7	1	306	16	322	94	416	27·6
	Pursewalkum	19,006	4	..	13	1	23	1	455	7	8	..	503	9	512	130	642	33·7
	Pareamettoo ..	11,275	4	..	15	..	15	1	115	3	10	..	159	4	163	46	209	18·0
	New Town ..		1	..	..	..	..	..	..	..	..	..	1	..	1	..	1	
	Vepery	4,500	7	..	20	..	7	..	21	1	10	..	65	1	66	13	79	17·5
	Poodoopettah	3,774	..		1	..	17	1	59	..	8	..	85	1	86	30	116	30·7
	Egmore	4,392	3	1	1	..	..	..	121	5	1	..	126	6	132	53	185	26·0
	Comaleeswarapuram ..	7,544	..	..	..	..	..	...	86	1	..	..	86	1	87	39	126	
	Total..	65,491	19	1	51	1	65	3	1,152	32	44	1	1,331	38	1,369	405	1,774	27·1
6	Kilpaukum	5,222	2	..	..	..	..	..	97	..	...	..	99	..	99	36	135	25·8
	Chetput	2,611	2	..	..	..	..	..	168	5	2	..	177	5	182	56	238	91·1
	Nungumbakum ..	7,704	4	..	...	..	8	..	190	5	3	..	205	5	210	72	282	36·6
	Mackey's Garden ..	3,853	..	..	3	..	1	..	128	1	12	..	134	1	135	39	174	45·1
	Total..	19,390	8	..	3	..	9	..	578	11	17	..	615	11	626	203	829	42·2
7	Poodoopaukum ..	6,087	2	1	..	..	8	1	149	1	64	2	223	5	228	50	278	45·6
	Chintadripettah ..	15,120	1	..	2	..	3	..	357	9	14	..	377	9	386	122	508	33·5
	Narasingapooram ..	3,046	1	..	5	..	2	..	39	..	11	..	58	..	58	18	76	24·9
	Triplicane	33,258	2	1	2	..	10	..	537	2	263	9	814	12	826	191	1,017	30·5
	Theroovateeswaranpettah	12,057	..	..	..	..	..	..	78	..	39	1	117	1	118	22	140	11·6
	Total..	69,568	6	2	9	..	23	1	1,160	12	391	12	1,589	27	1,616	403	2,019	29·0
8	Saint Thomé	20,575	3	..	1	..	22	..	482	2	29	1	537	3	540	140	680	32·5
	Alwarpettah	1,163	..	..	..	..	..	..	28	..	..	..	28	..	28	..	28	
	Royapettah	5,255	1	..	4	..	7	...	94	2	39	2	145	4	149	48	197	37·4
	Meersaib's Pettah ..	2,050	..	..	..	..	2	..	46	..	20	2	68	2	70	15	85	41·4
	Kistnampettah ..	5,193	..	..	..	..	1	..	62	..	5	..	68	..	68	12	80	15·5
	Thanampettah ..	7,246	1	..	1	..	9	..	120	..	2	..	133	..	133	47	180	24·8
	Total..	41,482	5	..	6	..	41	..	832	4	95	5	979	9	988	262	1,250	30·1
	General Total..	397,126	66	4	182	2	292	5	8,921	158	1,000	32	10,461	201	10,662	3,143	13,805	34·7
	Monegar Choultry Hospital	426	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Lying-in-Hospital ..	..	6	..	60	..	99	6	794	55	20	4	979	65	1,044	255	1,299	..
	Total..	..	6	..	60	..	99	6	794	55	20	4	979	65	1,044	255	1,299	..
	General Total..	426	72	4	242	2	391	11	9,715	213	1,020	36	11,440	266	11,706	3,398	15,104	..
	Total Births..		76		244		402		9,928		1,056		11,706		..	..	..	..
	Total for January, February and March ..		25		80		117		2,861		315		3,398		..	..	..	..
	General Total..	397,552	101		324		519		12,789		1,371		15,104		..	..	..	..

VITAL STATISTICS.

TABLE IX —BIRTHS.

Return of Births in the City of Madras for the year 1878, arranged according to Weeks.

Number.	Weeks.	Born Alive.						Still Born.						Total Births.						Ratio.
		Europeans.	East Indians.	Native Christians.	Hindus.	Mahomedans.	Total.	Europeans	East Indians.	Native Christians.	Hindus.	Mahomedans.	Total	Europeans.	East Indians.	Native Christians.	Hindus.	Mahomedans.	Total.	
1	1st to 5th April 1878 ..	2	4	7	161	20	194	..		..	6	1	7	2	4	7	167	21	201	26·2
2	6th to 12th „ „ ..	2	4	4	260	29	299	..	..	..	7	1	8	2	4	4	267	30	307	40·1
3	13th to 19th „ „ ...	1	8	8	209	25	251	1	..	2	2	..	5	2	8	10	211	25	256	33·4
4	20th to 26th „ „ ..	2	5	6	205	15	233	..	..	..	6	..	6	2	5	6	211	15	239	31·2
5	27th to 3rd May „ ..	2	5	5	233	24	269	..	..	..	6	..	6	2	5	5	239	24	275	35·9
6	4th to 10th „ „ ..	2	8	7	205	24	246	..	..	..	2	2	4	2	8	7	207	26	250	32·7
7	11th to 17th „ „ ..	1	11	7	200	25	254	..	..	..	2	..	2	1	11	7	212	25	256	33·4
8	18th to 24th „ „ ..	1	9	9	226	31	276	..	1	..	3	1	5	1	10	9	229	32	281	36·7
9	25th to 31st „ „ ..	..	11	8	232	40	291	..	..	1	10	3	14	..	11	9	242	43	305	39·8
10	1st to 7th June „ ..	..	6	9	240	28	283	..	..	..	6	1	7	..	6	9	246	29	290	37·9
11	8th to 14th „ „ ..	2	8	10	236	35	291	..	..	..	6	1	7	2	8	10	242	36	298	38·9
12	15th to 21st „ „ ..	2	5	9	255	29	300	..	..	1	7	..	8	2	5	10	262	29	308	40·2
13	22nd to 28th „ „ ..	5	5	12	252	30	304	..	..	..	6	2	8	5	5	12	258	32	312	40·8
14	29th to 5th July „ ..	1	4	9	269	30	313	..	..	..	8	4	12	1	4	9	277	34	325	42·5
15	6th to 12th „ „ ..	1	10	11	262	31	315	..	..	..	11	..	11	1	10	11	273	31	326	42·6
16	13th to 19th „ , ..	1	7	4	247	29	288	..	..	..	2	..	2	1	7	4	249	29	290	37·9
17	20th to 26th „ „ ..	2	9	4	299	31	345	..	..	..	4	1	5	2	9	4	303	32	350	45·7
18	27th to 2nd Aug. „ ..	1	5	9	278	27	320	..	..	1	4	2	7	1	5	10	282	29	327	42·7
19	3rd to 9th „ „ ..	..	6	10	276	18	310	..	..	..	3	..	8	..	6	10	279	18	313	40·9
20	10th to 16th „ „ ..	..	5	18	261	27	311	..	..	..	8	2	10	..	5	18	269	29	321	41·7
21	17th to 23rd „ „ ..	1	3	8	290	31	333	..	..	..	12	2	14	1	3	8	302	33	347	35·3
22	24th to 30th „ „ ..	2	9	6	270	24	311	..	..	..	5	..	5	2	9	6	275	24	316	41·3
23	31st to 6th Sep. „ ..	5	8	9	267	29	318	..	..	..	4	1	5	5	8	9	271	30	323	42·2
24	7th to 13th „ „ ..	2	3	5	246	30	286	..	..	..	3	..	3	2	3	5	249	30	289	37·7
25	14th to 20th „ „ ..	4	13	13	303	37	370	..	..	..	8	..	8	4	13	13	311	37	378	49·4
26	21st to 27th „ „ ..	1	8	16	260	28	313	..	..	..	8	1	9	1	8	16	268	29	322	42·1
27	28th to 4th Oct. „ ..	..	4	9	253	22	288	..	..	..	4	1	5	..	4	9	257	23	293	38·3
28	5th to 11th „ „ ..	4	5	5	258	18	290	2	..	..	5	..	7	6	5	5	263	18	297	38·8
29	12th to 18th „ „ ..	1	4	15	266	25	311	..	..	..	10	2	12	1	4	15	276	27	323	42·3
30	19th to 25th „ „ ..	4	2	10	230	29	275	..	..	..	10	2	12	4	2	10	240	31	287	37·5
31	26th to 1st Nov. „ ..	1	4	13	231	20	269	..	1	..	5	1	7	1	5	13	236	21	276	36·1
32	2nd to 8th „ „ ..	3	5	13	240	24	285	..	..	..	4	..	4	3	5	13	244	24	289	37·7
33	9th to 15th „ „ ..	2	2	19	242	18	283	..	..	1	2	1	4	2	2	20	244	19	287	37·5
34	16th to 22nd „ „ ..	4	5	16	259	27	311	..	..	..	5	..	5	4	5	16	264	27	316	41·3
35	23rd to 29th „ „ ..	2	5	13	244	15	279	..	..	..	4	1	5	2	5	13	248	16	284	37·1
36	30th to 6th Dec. „ ..	3	7	18	248	17	293	..	..	..	4	1	5	3	7	18	252	18	298	38·9
37	7th to 13th „ „ ..	4	6	11	229	16	266	1	..	2	1	..	4	5	6	13	230	16	270	35·3
38	14th to 20th „ „ ..	1	7	11	233	26	278	..	..	..	3	..	3	1	7	11	236	26	281	36·7
39	21st to 27th „ „ ..	..	3	10	214	26	253	..	..	..	5	1	6	..	3	10	219	27	259	33·3
40	28th to 31st „ „ ..	..	4	5	116	10	135	..	..	3	2	1	6	..	4	8	118	11	141	..
	Total...	72	242	391	9,715	1,020	11,440	4	2	11	213	36	266	76	244	402	9,928	1,056	11,706	29·4
	Total for 13 weeks...	24	77	114	2,803	305	3,323	1	3	3	58	10	75	25	80	117	2,861	315	3,398	..
	Total...	96	319	505	12,518	1,325	14,763	5	5	14	271	46	341	101	324	519	12,789	1,371	15,104	37·9

APPENDIX V.

VITAL STATISTICS.

TABLE X.—DEATHS.

Return of Deaths from all causes for the year 1878, arranged according to Caste.

Class.	Order.		Europeans.		East Indians.		Native Christians.		Hindus.		Mahomedans.		Total.		Total for January, February and March.		Total.	
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I		*General Diseases.*																
	1	Sub-division A	14	9	48	45	72	73	1,521	1,648	102	129	1,757	1,904	974	917	2,731	2,821
	2	Do. B	2	3	9	11	20	16	434	301	75	94	540	425	230	181	770	606
II		*Local Diseases.*																
	1	Diseases of the Nervous System	19	4	29	26	52	33	1,216	1,013	171	182	1,487	1,258	430	401	1,917	1,659
	2	Eye	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	1
	3	Ear	...	...	...	...	...	...	1	...	...	...	1	...	...	...	1	...
	4	Nose	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	5	Circulatory System	2	1	5	2	3	1	29	10	2	...	41	14	14	15	55	29
	6	Absorbent	...	..	...	...	..	...	...	...	...	...	...	...	1	...	1	...
	7	Ductless Glands	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	8	Respiratory System	8	1	14	10	8	2	140	129	23	14	193	156	75	45	268	201
	9	Digestive do.	19	7	46	46	27	43	1,210	1,157	104	109	1,406	1,362	1,067	1,046	2,473	2,408
	10	Urinary do.	1	...	...	1	1	...	12	4	1	...	15	5	15	4	30	9
	11	Generative do.	...	2	...	3	...	8	22	168	3	20	25	201	1	47	26	248
	12	Organs of Locomotion	...	...	...	...	...	...	2	2	...	...	2	2	...	...	2	2
	13	Cellular Tissue	2	1	...	1	1	1	10	4	...	...	13	7	2	4	15	11
	14	Cutaneous System	1	1	1	4	5	3	86	64	10	3	103	75	59	17	162	92
III		*Conditions, &c.*	8	4	9	11	16	32	454	603	85	103	572	753	240	321	812	1,074
	1	Debility	1	3	4	6	4	1	36	34	5	2	50	46	17	19	67	65
IV		*Poisons*	2	...	...	2	...	...	1	...	1	...	4	2	1	...	5	2
V		*Injuries.*																
	1	Battle	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
	2	Accidental	...	...	6	1	1	1	82	67	7	3	96	72	57	46	153	118
	3	Homicidal	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	1
	4	Self-inflicted	...	...	...	...	...	...	26	23	...	...	26	23	5	15	31	38
	5	Judicial	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
VI		*Surgical Operations*	...	...	...	1	...	...	5	1	...	...	5	2	1	...	6	2
		No appreciable Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Total	79	36	171	170	210	214	5,287	5,230	589	659	6,336	6,309	3,189	3,078	9,525	9,387
		Total of Males & Females.	115		341		424		10,517		1,248		12,645		...		...	
		Total for January, February and March	43		108		198		5,337		581		6,267		...		...	
		Total	158		449		622		15,854		1,829		18,912		..		...	

VITAL STATISTICS.

TABLE XI.—DEATHS.

Return showing the average Deaths in Madras for 10 *previous years ending* 1876, *as contrasted with the Mortality of the year* 1878.

Year.	Deaths from Special Diseases.						Deaths from other Diseases.	General Total.	Order of salubrity.
	Small-pox.	Measles.	Fevers.	Bowel Complaints.	Cholera.	Total.			
1867	623	42	2,456	2,264	614	5,999	6,246	12,245	4
1868	799	85	2,232	1,831	13	4,960	7,242	12,202	3
1869	38	4	2,015	1,556	568	4,181	7,081	11,262	1
1870	18	12	2,296	1,589	861	4,776	7,109	11,885	2
1871	234	87	2,474	1,896	493	5,184	7,851	13,035	5
1872	624	34	2,848	2,035	5	5,546	8,472	14,018	6
1873	1,052	10	2,569	2,170	6	5,807	8,802	14,609	8
1874	819	11	2,679	2,124	...	5,633	9,127	14,760	9
1875	196	...	2,445	2,072	935	5,648	8,521	14,169	7
1876	409	12	2,351	2,295	2,105	7,172	8,587	15,759	10
1877	Omitted as being abnormal in consequence of the famine.								
Total...	4,812	297	24,365	19,832	5,600	54,906	79,038	133,944	...
Average...	481·2	29·7	2,436·5	1,983·2	560·0	5,490·6	7,903·8	13,394·4	...
1878...	447	1	4,982	4,542	858	10,067	8,845	18,912	11
Increase...	..	...	2,555·5	2,558·8	...	4,576·4	941·2	5,517·6	...
Decrease...	34·2	28·7	...	...	475·0	...	...	..	...

APPENDIX V.

VITAL STATISTICS.

TABLE XII.—DEATHS.

Return showing the Deaths from Special and other Diseases among Europeans for the year 1878.

Population.	3,613.																			
Months.	Cause of Death.																			Total of Males and Females.
	Small-pox.		Measles.		Fevers.		Dysentery.		Diarrhœa.		Cholera.		Injuries.		Other Diseases.		Total.			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
April 1878	...	...	...	...	...	...	...	...	2	2	...	...	...	...	4	1	6	3		9
May ,, ...	...	...	1	...	3	...	...	...	...	...	...	...	...	...	11	2	15	2		17
June ,, ...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	8	3	9	4		13
July ,, ...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	3	1	4	2		6
August ,, ...	...	...	...	...	2	2	...	...	2	...	...	...	...	...	8	2	12	4		16
September ,, ...	...	...	...	...	2	2	1	1	1	1	...	...	...	...	8	7	12	11		23
October ,, ...	...	...	...	...	2	...	1	...	2	...	...	...	...	..	6	2	11	2		13
November ,, ...	...	...	...	...	...	2	...	...	...	...	...	1	...	...	4	3	4	6		10
December ,, ...	...	...	...	...	...	...	...	...	...	1	3	...	...	...	3	1	6	2		8
Total...	...	...	1	...	9	8	2	1	8	4	3	1	1	...	55	22	79	36		115
Total of Males and Females ...	...		1		17		3		12		4		1		77		115			...
Total for January, February and March	...		...		10		5		...		...		2		26		43			...
Total...	...		1		27		8		12		4		3		103		158			...
Ratio per 1,000 of Population ...	...		0·2		7·4		2·2		3·3		1·1		0·8		28·5		43·7			...
Of the foregoing deaths, the following occurred in Hospitals :—																				
Monegar Choultry Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
General ,, ...	...	...	...	...	2	...	2	...	2	1	...	1	...	...	23	1	29	3		32
Lock ,, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
Hospital for Women and Children ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	1	1		2
Lying-in-Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...		1
Penitentiary Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
Lunatic Asylum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	...		3
Royapettah Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
Total...	...	..	...	...	2	...	2	...	2	1	1	1	...	...	27	2	34	4		38
Total number of Hospital cases for January, February and March ...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	6	1	9	1		10
Total...	...	...	...	...	3	...	4	...	2	1	1	1	...	...	33	3	43	5		48

VITAL STATISTICS.

TABLE XIII.—DEATHS.

Return showing the Deaths from Special and Other Diseases among East Indians, for the year 1878.

Population.	12,013																		
Months.	Cause of Death.																		Total of Males and Females.
	Small-pox.		Measles.		Fevers.		Dysentery.		Diarrhœa.		Cholera.		Injuries.		Other Diseases.		Total.		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
April 1878...	1	1	...	...	3	1	...	2	2	1	...	...	1	...	6	4	13	9	22
May ,, ...	...	...	...	...	4	5	1	1	2	1	...	...	...	...	10	16	17	23	40
June ,, ...	...	...	...	...	6	8	1	...	...	2	1	...	1	1	7	13	16	24	40
July ,, ...	...	...	...	...	1	4	1	...	3	1	...	...	...	...	8	16	13	21	34
August ,, ...	1	...	...	...	3	2	1	3	3	3	...	...	...	2	13	8	21	18	39
September ,, ...	...	...	...	...	8	7	6	4	...	4	1	...	1	...	21	15	37	30	67
October ,, ...	...	...	...	...	8	6	4	2	1	2	...	...	1	...	11	13	25	23	48
November ,, ...	...	...	...	...	2	...	...	2	2	1	4	7	...	...	6	4	14	14	28
December ,, ...	1	...	...	...	3	2	...	1	...	1	...	1	...	...	11	3	15	8	23
Total...	3	1	...	...	38	35	14	15	13	16	6	8	4	3	93	92	171	170	341
Total of Males and Females...	4		...		73		29		29		14		7		185		341		...
Total for January, February and March	2		...		32		11		9		3		1		50		108		...
Total...	6		...		105		40		38		17		8		235		449		...
Ratio per 1,000 of Population...	0·4		...		8·7		3·3		3·1		1·4		0·6		19·5		37·3		..
Of the foregoing deaths, the following occurred in Hospitals :—																			
Monegar Choultry Hospital ...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	3	...	3
General ,, ..	...	...	...	...	2	...	1	...	1	...	3	1	...	...	11	1	18	2	20
Lock ,, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospital for Women and Children	...	...	...	...	2	3	...	2	...	1	...	...	1	...	...	4	3	10	13
Lying-in-Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	1	3	4
Penitentiary Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lunatic Asylum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Royapettah Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1
Total...	...	...	...	...	4	3	2	2	1	1	3	1	1	1	14	8	25	16	41
Total number of Hospital cases for January, February and March...	...	...	...	...	5	...	1	1	2	...	...	...	1	...	5	5	14	6	20
Total...	...	...	...	...	9	3	3	3	3	1	3	1	2	1	19	13	39	22	61

VITAL STATISTICS.

TABLE XIV.—DEATHS.

Return showing the Deaths from Special and Other Diseases among Native Christians, for the year 1878.

Population. 21,441.

Months.	Cause of Death.																		Total of Males and Females.
	Small-pox.		Measles.		Fevers.		Dysentery.		Diarrhœa.		Cholera.		Injuries.		Other Diseases.		Total.		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
April 1878	...	1	...	...	5	10	4	4	...	...	..	...	...	...	9	13	18	28	46
May ,, ...	...	...	...	...	6	9	3	3	..	...	...	..	...	...	17	15	26	27	53
June ,, ...	..	1	...	...	7	3	1	3	..	1	...	..	...	...	10	10	18	18	36
July ,, ...	...	...	...	...	3	7	4	...	1	2	...	...	1	...	10	10	19	19	38
August ,, ...	...	...	...	...	10	6	4	6	1	3	...	...	...	...	18	15	33	30	63
September ,, ...	...	...	...	...	10	10	4	9	1	1	...	...	...	...	9	10	24	30	54
October ,, ...	...	...	...	...	13	8	1	2	...	1	...	..	...	...	15	7	29	18	47
November ,, ...	...	...	...	...	8	7	1	2	...	1	1	...	...	...	13	13	23	23	46
December ,, ...	...	...	...	...	7	8	1	1	...	1	...	1	...	1	12	9	20	21	41
Total...	...	2	..	...	69	68	23	30	3	10	1	1	1	1	113	102	210	214	424
Total of Males and Females...	2		...		137		53		13		2		2		215		424		...
Total for January, February and March	8		...		51		51		7		2		1		78		198		...
Total...	10		...		188		104		20		4		3		293		622		...
Ratio per 1,000 of Population.	0·4		...		8·7		4·8		0·9		0·1		0·1		13·6		29·0		...
Of the foregoing deaths, the following occurred in Hospitals :—																			
Monegar Choultry Hospital...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	13	4	13	5	18
General ,, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	2
Lock ,, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
Hospital for Women and Children	...	...	...	...	...	...	...	2	...	...	..	...	...	...	...	3	...	5	5
Lying-in-Hospital ...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	3	6	3	6	9
Penitentiary Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lunatic Asylum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	2
Royapettah Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
Total...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	19	14	19	17	36
Total number of Hospital cases for January, February and March	...	...	...	...	...	...	1	2	1	1	1	...	...	...	3	5	6	8	14
Total...	..	...	...	...	...	...	1	5	1	1	1	..	...	...	22	19	25	25	50

VITAL STATISTICS.

TABLE XV.—DEATHS.

Return showing the Deaths from Special and Other Diseases among Mahomedans, for the year 1878.

Population.	50,964																		
Months.	Cause of Death.																		Total of Males and Females.
	Small-pox.		Measles.		Fevers.		Dysentery.		Diarrhœa.		Cholera.		Injuries.		Other Diseases.		Total.		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
April 1878 ...	1	1	...	...	6	16	5	9	2	3	...	...	...	...	31	62	45	91	136
May " ...	1	2	...	..	12	17	8	11	2	2	...	1	1	...	44	50	68	83	151
June " ...	...	...	...	...	10	11	5	5	...	3	...	...	...	1	50	48	65	68	133
July " ...	1	1	...	...	12	12	7	3	...	2	...	...	1	...	35	41	56	59	115
August " ...	...	...	...	...	8	10	3	10	3	4	...	3	1	...	52	54	67	81	148
September " ...	...	...	...	...	11	9	25	16	2	6	...	...	2	1	50	47	90	79	169
October " ...	1	1	...	...	16	11	11	7	4	3	...	...	1	...	46	53	79	75	154
November " ...	...	...	...	...	13	17	5	3	1	1	...	...	...	...	41	47	60	68	128
December " ...	1	1	...	...	6	15	11	6	2	3	...	...	1	...	38	30	59	55	114
Total...	5	6	...	...	94	118	80	70	16	27	...	4	7	2	387	432	589	659	1,248
Total of Males and Females	11		...		212		150		43		4		9		819		1,248		...
Total for January, February and March ...	27		...		93		125		25		1		5		305		581		...
Total...	38		...		305		275		68		5		14		1,124		1,829		...
Ratio per 1,000 of Population.	0·7		...		5 9		5·3		1·3		0·09		0·2		22·0		35·8		...
Of the foregoing deaths, the following occurred in Hospitals :—																			
Monegar Choultry Hospital	...	..	...	...	...	...	4	3	...	3	...	...	...	...	3	2	7	8	15
General Hospital ...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	7	...	9	...	9
Lock " ...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospital for Women & Children	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	3	...	4	4
Lying-in-Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	2	3	2	5
Penitentiary Hospital..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1
Lunatic Asylum ...	...	..	...	...	...	...	...	...	1	..	...	...	...	...	4	1	5	1	6
Royapettah Hospital ...	...	...	...	...	...	...	2	...	5	4	...	...	...	...	6	4	13	8	21
Total...	...	...	...	...	1	...	6	4	7	7	...	...	...	...	24	12	38	23	61
Total number of Hospital cases for January, February & March ...	...	...	...	...	1	...	4	3	6	4	...	...	3	...	8	8	22	15	37
Total...	...	...	...	...	2	...	10	7	13	11	...	...	3	...	32	20	60	38	98

VITAL STATISTICS.

TABLE XVI.—DEATHS.

Return showing the Deaths from Special and Other Diseases among Hindus, for the year 1878.

Population.	309,521.																		
Months.	Cause of Death.																		Total of Males and Females.
	Small-pox.		Measles.		Fevers.		Dysentery.		Diarrhœa.		Cholera.		Injuries.		Other Diseases.		Total.		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
April 1878 ...	15	17	...	...	158	149	86	96	29	21	...	2	16	10	248	246	552	541	1,093
May " ...	14	9	..	...	153	149	81	72	20	23	..	...	13	7	289	216	570	476	1,046
June " ...	7	20	...	...	156	155	58	53	21	20	3	1	10	6	260	252	515	507	1,022
July " ...	12	6	...	...	99	115	63	56	18	19	...	...	4	13	273	276	469	485	954
August " ...	6	6	...	...	152	138	131	139	31	38	...	..	22	8	336	325	678	654	1,332
September " ...	6	4	...	...	186	222	179	179	47	45	...	...	17	15	315	319	750	784	1,534
October " ...	4	11	...	...	184	231	108	126	32	35	3	3	16	14	282	281	629	701	1,330
November " ...	8	12	...	...	166	196	76	74	22	21	8	10	6	7	243	254	529	574	1,103
December " ...	9	13	...	...	163	169	69	52	26	17	4	...	9	13	315	244	595	508	1,103
Total ...	81	98	...	...	1,417	1,524	851	847	246	239	18	16	113	93	2,561	2,413	5,287	5,230	10,517
Total of Males and Females	179		...		2,941		1,698		485		34		206		4,974		10,517		...
Total for January, February and March...	214		...		1,416		1,309		485		21		113		1,779		5,337		...
Total...	393		...		4,357		3,007		970		55		319		6,753		15,854		...
Ratio per 1,000 of Population ...	1·2		...		14·0		9·7		3·1		0·1		1·2		21·8		51·2		...
Of the foregoing deaths, the following occurred in Hospitals :—																			
Monegar Choultry Hos.	1	...	...	...	6	5	114	68	26	38	...	1	12	3	103	97	262	212	474
General " ...	...	...	...	...	6	...	13	1	15	2	4	...	6	2	67	...	111	5	116
Lock " ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospital for Women and Children ...	...	2	...	...	...	4	3	10	1	8	...	1	1	14	5	34	10	73	83
Lying-in-Hospital ...	...	...	...	...	...	1	...	2	...	...	.	...	...	...	28	48	28	51	79
Penitentiary Hospital	...	...	...	...	...	...	...	...	5	...	...	...	1	..	7	...	13	...	13
Lunatic Asylum ...	...	...	...	...	...	...	3	...	3	2	...	...	2	...	16	1	24	3	27
Royapettah Hospital...	...	...	...	...	...	3	1	1	11	8	1	...	3	...	24	9	40	21	61
Total...	1	2	...	...	12	13	134	82	61	58	5	2	25	19	250	189	488	365	853
Total number of Hospital cases for January, February and March ...	...	1	...	...	5	4	27	39	179	177	2	1	25	16	104	65	342	303	645
Total...	1	3	...	...	17	17	161	121	240	235	7	3	50	35	354	254	830	668	1,498

VITAL STATISTICS.

TABLE XVII.—DEATHS.

Return showing the Deaths from Special and other Diseases among all Classes, for the year 1878.

Population.	3,97,552																		
Months.	Cause of Deaths.																		Total of Males and Females.
	Small-pox.		Measles.		Fevers.		Dysentery.		Diarrhœa.		Cholera.		Injuries.		Other Diseases.		Total.		
	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	
April 1878 ...	17	20	...	...	172	176	95	111	35	27	...	2	16	10	299	326	634	672	1,306
May " ...	15	11	1	...	178	180	93	87	24	26	...	1	14	7	371	299	696	611	1,307
June " ...	7	21	...	...	179	178	65	61	22	26	4	1	11	8	335	326	623	621	1,244
July " ...	13	7	...	...	115	139	75	59	22	24	...	...	7	13	329	344	561	586	1,147
August " ...	7	6	...	...	175	158	139	158	40	48	...	3	23	10	427	404	811	787	1,598
September " ...	6	4	...	...	217	250	215	209	51	57	1	...	20	16	403	398	913	934	1,847
October " ...	5	12	...	...	223	256	125	137	39	41	3	3	18	14	360	356	773	819	1,592
November " ...	8	12	...	...	189	222	82	81	25	24	13	18	6	7	307	321	630	685	1,315
December " ...	11	14	...	...	179	194	81	60	28	23	7	2	10	14	379	287	695	594	1,289
Total...	89	107	1	...	1,627	1,753	970	963	286	296	28	30	125	99	3,210	3,061	6,336	6,309	12,645
Total of Males and Females	196		1		3,380		1,933		582		58		224		6,271		12,645		...
Total for January, February and March ...	251		...		1,602		1,501		526		27		123		2,237		6,267		...
Total...	447		1		4,982		3,434		1,108		85		347		8,508		18,912		...
Ratio per 1,000 of Population...	1·1		0·002		12·6		8·6		2·7		0·2		0·8		21·4		47·5		...
Of the foregoing deaths the following occurred in Hospitals :—																			
Monegar Choultry Hospital	1	...	...	...	6	5	119	72	26	41	...	1	12	3	121	103	285	225	510
General Hospital ...	...	...	...	...	11	...	16	1	19	3	7	2	6	2	109	3	168	11	179
Lock " ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospital for Women & Children	...	2	...	...	2	7	3	15	1	9	1	1	2	14	5	45	14	93	107
Lying-in-Hospital ...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	36	59	36	62	98
Penitentiary Hospital...	...	...	...	...	...	...	...	...	5	...	...	...	1	...	8	...	14	...	14
Lunatic Asylum ..	...	...	...	...	...	...	3	...	4	2	...	...	2	...	25	2	34	4	38
Royapettah Hospital ...	...	...	...	...	...	3	3	1	16	12	1	...	3	1	30	13	53	30	83
Total...	1	2	...	...	19	16	144	91	71	67	9	4	26	20	334	225	604	425	1,029
Total number of Hospital cases for January, February & March ...	...	1	...	...	12	4	35	45	188	182	3	1	29	16	126	84	393	333	726
Total...	1	3	...	...	31	20	179	136	259	249	12	5	55	36	460	309	997	758	1,755

APPENDIX V.

VITAL STATISTICS.

TABLE XVIII.—DEATHS.

Return showing the Deaths among Europeans in each Village of the City of Madras, for the year 1878.

Municipal Divisions.	Names of Villages.	Europeans. April. M	April. F.	May. M	May. F.	June. M	June. F.	July. M	July. F.	August. M	August. F.	September. M	September. F.	October, M	October, F	November. M	November. F.	December. M	December. F.	Total. M	Total. F.	Total of Males and Females.	Total for January, February and March.	Total Deaths.
1	Tondiarpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Washermenpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Royapooram	1	...	1	...	1	2	...	...	1	1	1	...	...	...	...	...	...	...	5	3	8	2	10
	Cashmode	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	...	1
	Total	1	...	1	...	1	2	...	...	1	1	1	2	...	...	...	1	...	...	5	4	9	2	11
2	Podoo Naick's Pettah	...	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	2	4	4	8
	Big Parcherry	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1
	John Percira's Garden	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	2
	Total	...	1	2	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	4	3	7	4	11
3	Moothealpettah	1	...	2	2	2	1	1	2	1	...	2	1	1	...	...	1	2	1	12	8	20	7	27
	Uttapanliam	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
	Fort Saint George	...	...	1	...	...	...	1	...	1	...	...	1	...	...	...	...	...	...	3	...	3	7	10
	Total	1	...	3	2	2	1	2	2	2	...	2	1	1	...	...	1	2	1	15	8	23	14	37
4	Gunpowder Mills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peramboar	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	2	2	4
	Viasarapaudy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	2	2	4
5	Choolay	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pursewalkum	...	...	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	3	...	3	1	4
	Pereamettoo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	New Town	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	1	1	2	1	3
	Vepery	...	...	1	...	1	1	...	...	1	...	1	3	...	...	...	1	...	...	4	5	9	1	10
	Poodoopettah	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	...	1
	Egmore	...	...	...	...	...	...	...	...	...	...	1	...	2	...	1	...	...	...	4	...	4	5	9
	Camaleeswarapooram	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	...	...	1	...	3	1	...	...	2	...	2	5	2	...	2	1	...	...	12	7	19	8	27
6	Kilpaukum	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	2	2	...	2
	Chetput	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2	...	2	...	2
	Nungumbakum	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	1	2	...	2
	Mackey's Garden	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1
	Total	2	...	...	...	...	...	...	...	...	1	2	...	...	1	...	1	...	...	4	3	7	...	7
7	Poodoopaukum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	1	2
	Chintadripettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	2	1	3
	Narasingapooram	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Triplicane	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	1	1	2	...	2
	Therooveteeswaranpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	1	1	1	2	3	5	2	7
8	Saint Thomé	...	1	1	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	1	4	5	1	6
	Alwarpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Royapettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Meer Saib'spettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kistnampettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Thanampettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Total	...	1	1	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	1	4	5	1	6
	General Total	4	2	8	2	8	4	2	2	6	4	8	9	4	2	2	5	3	2	45	32	77	33	110
	Monegar Choultry Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	General "	2	1	6	...	...	...	2	...	5	...	3	1	7	...	2	1	2	...	29	3	32	8	40
	Lock "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hospital for Women and Children	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	1	1	2	...	2
	Lying-in-Hospital	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2
	Penitentiary Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...
	Lunatic Asylum	...	...	1	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	3	...	3	1	4
	Royapettah Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	2	1	7	...	1	...	2	...	6	...	4	2	7	...	2	1	3	...	34	4	38	10	48
	General Total	6	3	15	2	9	4	4	2	12	4	12	11	11	2	4	6	6	2	79	36	115	43	158

APPENDIX V.

VITAL STATISTICS.

TABLE XIX.—DEATHS.

Return showing the Deaths among East Indians in each Village of the City of Madras, for the year 1878.

Municipal Divisions.	Names of Villages.	East Indians. April. M	April. F.	May. M	May. F.	June. M	June. F.	July. M	July. F.	August. M	August. F.	Septr. M	Septr. F.	October. M	October. F.	November. M	November. F.	December. M	December. F.	Total. M	Total. F.	Total of Males and Females.	Total for January, February & March	Total Deaths.
1	Tondiarpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Washermenpettah	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	...	...	...	1	2	3	1	4
	Royapooram	...	...	...	1	1	3	1	1	1	1	3	4	1	2	...	...	1	...	8	12	20	3	23
	Cashmode	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	1
	Total..	...	...	...	1	1	3	1	2	1	2	4	4	1	2	1	...	1	...	10	14	24	4	28
2	Peddoo Naick's Pettah	...	...	...	...	...	...	...	...	1	...	3	...	1	...	1	1	...	...	6	1	7	...	7
	Big Parcherry	1	1	1	2	1	2	...	1	3	1	3	1	...	1	1	1	1	...	11	10	21	6	27
	John Pereira's Garden	...	...	2	...	...	2	2	1	1	...	...	...	...	...	...	...	...	...	5	3	8	3	11
	Total...	1	1	3	2	1	4	2	2	5	1	6	1	1	1	2	2	1	...	22	14	36	9	45
3	Mootheal Pattah	2	2	2	5	4	3	3	5	3	4	8	7	7	4	6	6	4	5	39	41	80	26	106
	Uttapauliam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Saint George	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2	2	...	2
	Total...	2	2	2	6	4	3	3	6	3	4	8	7	7	4	6	6	4	5	39	43	82	26	108
4	Gunpowder Mills	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	2	2	...	2
	Peramboor	1	...	...	2	1	2	...	2	1	2	...	3	...	1	1	...	...	...	4	12	16	6	22
	Viasarapandy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	1	...	...	2	1	3	...	2	1	2	...	3	...	2	1	...	...	...	4	14	18	6	24
5	Choolay	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	2	2	...	2
	Pursewalkum	2	...	1	3	2	2	...	...	3	...	4	...	2	4	1	2	1	...	16	11	27	4	31
	Peresamettoo	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	1	1	2	...	2
	New Town	...	...	4	2	2	1	2	2	2	...	1	1	3	3	...	...	1	...	15	9	24	8	32
	Vepery	2	1	2	1	1	3	...	...	1	...	3	3	1	1	1	...	...	...	11	9	20	10	30
	Poodoopettah	...	1	...	...	...	1	1	...	...	...	1	...	2	1	...	1	...	1	4	5	9	5	14
	Egmore	1	1	...	...	...	1	...	...	1	1	...	...	...	1	...	...	1	...	3	4	7	2	9
	Comaleeswarapooram	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	5	3	7	6	6	8	3	3	7	2	9	4	8	10	2	4	3	1	50	41	91	29	120
6	Kilpaukum	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	1	2	...	2
	Chetput	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nungumbakum	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1	...	1
	Mackey's Garden	...	...	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...	...	...	3	3	...	3
	Total...	...	...	...	...	...	1	...	...	...	1	...	...	1	2	...	...	1	...	2	4	6	...	6
7	Poodoopaukum	1	1	...	...	...	1	1	...	...	...	...	2	1	...	...	...	...	...	3	4	7	...	7
	Chintadripettah	...	...	...	1	...	...	...	1	1	...	2	...	1	...	...	...	...	...	4	2	6	1	7
	Narasingapooram	...	...	...	...	...	...	...	1	1	...	...	...	...	1	...	...	2	...	3	2	5	4	9
	Triplicane	...	...	...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	1	2	3	2	5
	Theroovateeswaranpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	1	1	...	1	...	1	1	2	2	...	2	4	3	1	...	...	2	...	11	10	21	7	28
8	Saint Thomé	...	...	1	...	...	...	...	...	1	1	1	1	...	1	...	1	1	1	4	5	9	2	11
	Alwarpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Royapettah	...	1	...	...	1	1	...	1	...	1	1	1	2	...	...	...	...	...	4	5	9	5	14
	Meer Saib's Pettah	...	...	...	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	3	3	...	3
	Kistnampettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Thanampettah	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	...	1
	Total...	...	1	1	2	1	1	...	1	1	3	2	3	2	1	...	1	1	1	8	14	22	7	29
	General Total...	10	8	13	20	14	24	10	18	20	15	31	26	23	23	12	13	13	7	146	154	300	88	388
	Monegar Choultry Hospital	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	3	...	3	...	3
	General "	2	...	3	...	1	...	2	...	1	...	5	1	1	...	2	1	1	...	18	2	20	13	33
	Lock "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hospital for Women and Children	1	1	...	2	1	...	...	2	...	2	...	3	...	...	...	...	1	1	3	10	13	5	18
	Lying-in-Hospital	...	...	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	3	4	1	5
	Penitentiary Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lunatic Asylum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Royapettah Hospital	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1	...	1
	Total...	3	1	4	3	2	...	3	3	1	3	6	4	2	...	2	1	2	1	25	16	41	20	61
	General Total...	13	9	17	23	16	24	13	21	21	18	37	30	25	23	14	14	15	8	171	170	341	108	449

VITAL STATISTICS.

TABLE XX.—DEATHS.

Return showing the Deaths among Native Christians in each Village of the City of Madras, for the year 1878.

Municipal Divisions.	Names of Villages.	Native Christians. April. M	April. F	May. M	May. F	June. M	June. F	July. M	July. F	August. M	August. F	September. M	September. F	October. M	October. F	November. M	November. F	December. M	December. F	Total. M.	Total. F.	Total of Males and Females.	Total for January, February and March.	Total Deaths.
1	Tondiarpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
	Washermen Pettah... ...	2	1	1	1	..	...	..	1	..	1	1	1	..	2	...	2	1	1	5	10	15	9	24
	Royapooram	1	3	...	1	1	4	2	1	7	3	1	2	7	1	2	2	3	4	24	21	45	30	75
	Cashmode	1	6	6	3	...	...	1	8	6	4	3	1	6	3	3	1	...	4	26	30	56	16	72
	Total...	4	10	7	5	1	4	3	10	13	8	5	4	13	6	5	5	4	9	55	61	116	55	171
2	Peddoo Naick's Pettah ...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	1	...	1	2	2	4	...	4
	Big Parcherry	...	...	1	1	3	1	2	...	3	3	2	3	...	...	1	...	...	...	12	8	20	12	32
	John Pereira's Garden ...	...	...	...	1	2	..	1	1	...	...	1	...	...	...	...	1	...	...	4	3	7	1	8
	Total...	...	...	1	2	5	1	4	1	3	3	3	3	1	...	1	2	...	1	18	13	31	13	44
3	Moothealpettah	1	2	1	3	1	3	1	...	4	4	3	4	...	1	6	3	2	1	19	21	40	15	55
	Uttapauliam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Saint George	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	1	2	1	3	1	3	1	...	4	4	3	4	...	1	6	3	2	1	19	21	40	15	55
4	Gunpowder Mills	...	1	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1
	Perambore	1	...	...	1	...	...	..	...	...	2	...	...	...	...	...	...	...	...	1	3	4	4	8
	Viasarapaudy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	1	1	...	1	...	...	...	...	...	2	...	...	...	...	...	...	...	...	1	4	5	4	9
5	Choolay	1	2	2	2	...	...	...	...	...	...	...	1	...	...	...	1	...	...	3	6	9	5	14
	Pursewalkum	3	3	1	5	2	3	4	2	3	...	2	1	4	3	...	2	3	3	22	22	44	26	70
	Pereamettoo	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	1	...	...	...	4	4	1	5
	New Town	...	...	...	1	1	1	...	..	...	...	...	1	...	1	...	1	...	...	1	5	6	3	9
	Vepery	...	2	...	...	1	..	...	...	...	1	...	2	...	1	...	...	1	...	2	6	8	5	13
	Poodoopettah	1	...	2	2	...	...	1	1	1	1	2	4	1	1	2	...	2	2	12	11	23	13	36
	Egmore	2	1	1	1	1	...	...	..	1	1	...	...	...	...	...	2	...	...	5	5	10	4	14
	Camaleeswarapooram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	7	8	6	12	5	5	5	4	5	3	4	9	5	6	2	7	6	5	45	59	104	57	161
6	Kilpaukum	...	..	...	...	...	1	...	..	...	...	...	...	...	...	...	..	...	...	...	1	1	2	3
	Chetput	...	...	1	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	2	1	3	...	3
	Nungumbaukum	...	1	1	...	1	...	...	...	...	...	...	1	...	...	1	1	...	..	3	3	6	1	7
	Mackey's Garden	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	1	2	3	2	5
	Total...	...	2	2	...	1	2	1	...	...	...	..	2	1	...	1	1	...	...	6	7	13	5	18
7	Poodoopaukum	...	2	1	..	1	...	..	...	..	...	...	1	1	...	...	1	1	...	4	4	8	3	11
	Chintadripettah	1	...	3	1	3	1	1	1	2	1	3	1	2	1	2	3	1	...	18	9	27	7	34
	Narasingapooram	...	...	1	...	...	1	...	...	1	2	1	1	...	2	...	...	...	..	3	6	9	2	11
	Triplicane...	...	...	...	...	...	...	...	...	...	...	1	1	1	..	...	...	...	2	2	3	5	...	5
	Therooveteeswaraupettah ...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ..	1	2	5	1	4	2	1	1	3	3	5	4	4	3	2	4	2	2	27	22	49	12	61
8	Saint Thome	1	...	2	...	...	1	2	2	3	2	1	...	1	1	...	1	...	...	10	7	17	13	30
	Alwarpettah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Royapettah	...	...	1	...	...	...	1	...	...	2	...	...	...	...	1	...	2	...	5	2	7	5	12
	Meer Saib's Pettah... ..	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1	1	2
	Kistnampettan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Thanampettah	...	...	..	...	...	...	1	...	...	...	2	...	1	...	1	...	...	...	5	...	5	4	9
	Total...	1	...	3	...	...	1	4	2	3	5	3	...	2	1	2	1	2	...	20	10	30	23	53
	General Total...	15	25	25	24	17	18	19	13	31	28	23	26	26	17	19	23	16	18	191	197	388	184	572
	Mongar Choultry Hospital ...	1	...	...	...	1	...	...	..	2	1	1	2	2	1	4	...	2	1	13	5	18	...	18
	General ,, ...	...	...	...	...	...	...	...	1	..	...	...	...	1	...	..	...	..	...	1	1	2	...	2
	Lock ,, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	...
	Hospital for Women and Children	...	...	...	1	...	...	...	...	...	1	...	2	...	...	...	...	...	1	...	5	5	10	15
	Lying-in-Hospital	1	3	...	2	..	...	...	...	...	..	...	...	...	...	...	...	2	1	3	6	9	1	10
	Penitentiary Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lunatic Asylum	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	2
	Royapettah Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3
	Total...	3	3	1	3	1	...	...	1	2	2	1	4	3	1	4	...	4	3	19	17	36	14	50
	General Total...	18	28	26	27	18	18	19	19	33	30	24	30	29	18	23	23	20	21	210	214	424	198	622

Table XXI.—DEATHS.

VITAL

TABLE

Return showing the Deaths among Hindus in each

Municipal Divisions.	Names of Villages.	April.		May.		June.		July.		August.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1	Tondiarpettah	9	6	5	7	4	4	12	6	9	4
	Washermenpettah	42	41	52	36	48	26	43	37	64	49
	Royapuram	40	40	36	23	28	25	26	22	32	24
	Cashmode	30	15	24	15	25	10	12	6	25	16
	Total...	121	102	117	81	105	65	93	71	130	93
2	Peddoo Naick's Pettah	93	113	103	89	96	119	102	109	140	153
	Big Parcherry	...	...	...	...	...	...	...	...	...	...
	John Pereira's Garden	...	...	...	...	1	...	...	...	...	...
	Total...	93	113	103	89	97	119	102	109	140	153
3	Mootheal Pettah	59	51	61	67	58	52	33	60	76	71
	Uttapaulium	...	...	...	...	...	...	...	...	...	...
	Fort Saint George	...	...	...	...	...	...	...	...	...	...
	Total...	59	51	61	67	58	52	33	60	76	71
4	Gunpowder Mills	...	...	...	...	1	...	...	...	...	...
	Perambore	3	8	7	3	8	9	9	12	14	15
	Viasarapaudy	4	2	3	3	2	3	1	2	2	5
	Total...	7	10	10	6	11	12	10	14	16	20
5	Choolay	13	23	15	23	22	16	18	18	30	28
	Purasewalkum	33	34	32	24	12	33	22	15	46	33
	Pareamettoo	13	11	5	9	7	8	10	6	8	18
	New Town	...	...	...	1	...	...	...	...	...	...
	Vepery	...	1	3	1	...	3	2	...	1	4
	Poodoopettah	6	3	3	2	4	3	3	5	4	3
	Egmore	2	9	7	9	7	13	9	11	5	8
	Comaleeswarapuram	5	5	3	4	2	4	4	3	3	5
	Total...	72	86	63	73	54	80	63	58	97	99
6	Kilpaukum	4	2	7	8	4	6	6	6	7	3
	Chetput	7	9	2	3	10	8	9	10	7	7
	Nungumbaukum	12	13	15	18	20	8	4	4	4	1
	Mackey's Garden...	4	4	6	3	6	2	3	3	1	2
	Total...	27	28	30	32	40	24	22	23	19	13
7	Poodoopaukum	8	3	14	10	12	5	5	10	11	20
	Chintadripettah	24	18	26	23	21	27	20	24	31	17
	Narasingapuram	2	2	4	1	3	4	6	3	3	11
	Triplicane	35	30	36	26	30	33	33	29	50	30
	Theroovateeswaranpettah	6	2	2	4	4	3	8	...	8	1
	Total...	75	55	82	64	70	72	72	66	103	79
8	Saint Thomé	24	32	20	22	26	30	26	32	28	39
	Alwarpettah	...	1	1	...	...	...	...	...	1	1
	Royapettah	11	5	6	8	10	10	2	6	5	8
	Meersaib's Pettah	2	3	2	...	3	9	3	5	2	4
	Kistnampettah	5	1	7	5	4	4	3	3	2	8
	Thanampettah	4	7	4	3	2	1	1	4	3	8
	Total...	46	49	40	38	45	54	35	50	41	68
	General Total...	500	494	511	450	480	478	435	451	622	596
	Monegar Choultry Hospital ...	19	28	27	6	19	12	17	17	35	32
	General " ...	16	...	14	1	8	2	8	1	15	...
	Lock " ...	...	...	...	...	...	...	...	...	...	...
	Hospital for Women and Children ...	...	8	2	5	1	8	1	9	1	13
	Lying-in-Hospital	3	3	5	10	3	7	1	5	2	10
	Penitentiary Hospital	...	...	3	...	...	...	1	...	1	...
	Lunatic Asylum	4	...	1	...	3	...	2	1	1	1
	Royapettah Hospital	10	8	7	4	1	...	4	1	1	2
	Total...	52	47	59	26	35	29	34	34	56	58
	General Total...	552	541	570	476	515	507	469	485	678	654

STATISTICS.

XXI.—Deaths.

Village of the City of Madras, for the year 1878.

DTS.												
September.		October.		November.		December.		Total.		Total of Males & Females.	Total for January, February & March.	Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			
11	9	10	5	11	4	11	7	82	52	134	69	203
78	95	82	86	65	65	58	59	532	494	1,026	551	1,577
36	31	37	36	36	28	29	25	300	254	554	327	881
25	16	19	15	20	21	20	11	200	125	325	175	500
150	151	148	142	132	118	118	102	1,114	925	2,039	1,122	3,161
128	177	105	146	109	120	123	96	999	1,122	2,121	1,036	3,157
...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	1	...	1	1	2
128	177	105	146	109	120	123	96	1,000	1,122	2,122	1,037	3,159
80	100	62	78	43	76	53	66	525	621	1,146	511	1,657
...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...
80	100	62	78	43	76	53	66	525	621	1,146	511	1,657
...	...	...	...	1	1	1	1	3	2	5	...	
7	18	10	12	11	15	14	9	83	101	184	97	281
5	8	2	4	5	5	4	4	28	36	64	31	95
12	26	12	16	17	21	19	14	114	139	253	128	381
32	29	18	26	17	17	17	13	182	193	375	281	656
41	64	42	44	19	25	35	38	282	310	592	254	846
11	17	12	20	10	11	13	9	89	109	198	98	296
...	...	...	1	...	...	...	...	...	2	2	...	2
4	2	1	4	2	1	4	4	17	20	37	35	72
4	2	6	5	2	4	3	3	35	30	65	42	107
7	6	5	6	12	...	3	3	57	65	122	69	191
8	4	5	6	...	9	7	4	37	44	81	42	123
107	124	89	112	62	67	82	74	699	773	1,472	821	2,293
3	2	2	1	1	2	4	2	38	32	70	32	102
10	10	3	4	3	1	1	1	52	53	105	10	115
3	2	10	5	5	...	7	5	80	56	136	49	185
1	...	...	...	1	1	...	1	22	16	38	23	61
17	14	15	10	10	4	12	9	192	157	349	114	463
11	8	8	11	7	7	11	6	87	80	167	88	255
30	24	22	28	19	19	18	26	211	206	417	157	574
10	9	1	1	6	4	2	5	37	40	77	21	98
58	39	45	35	25	36	39	24	351	282	633	262	895
10	5	6	7	3	4	5	5	52	31	83	32	115
119	85	82	82	60	70	75	66	738	639	1,377	560	1,937
32	27	33	37	31	33	36	32	256	284	540	255	795
...	5	2	3	5	3	2	...	11	13	24	1	25
7	13	3	8	3	3	6	5	53	66	119	50	169
3	3	3	2	4	5	3	1	25	32	57	26	83
2	5	7	6	7	3	4	11	41	46	87	29	116
5	11	6	9	3	4	3	1	31	48	79	38	117
49	64	54	65	53	51	54	50	417	489	906	399	1,305
662	741	567	651	486	527	536	477	4,799	4,865	9,664	4,692	14,356
60	30	31	35	25	28	29	24	262	212	474	346	820
10	...	16	...	9	1	15	...	111	5	116	74	190
...	...	...	...	...	...	...	...	...	...	...	1	1
...	7	2	4	...	12	3	7	10	73	83	90	173
6	4	4	7	1	5	3	...	28	51	79	30	109
2	...	3	...	3	...	...	...	13	...	13	3	16
5	1	3	...	1	...	4	...	24	3	27	9	36
5	1	3	4	4	1	5	...	40	21	61	92	153
88	43	62	50	43	47	59	31	488	365	853	645	1,498
750	784	629	701	529	574	595	508	5,287	5,230	10,517	5,337	15,854

VITAL STATISTICS.

TABLE XXII.—DEATHS.

Return showing the Deaths among Mohamedans in each Village of the City of Madras, for the year 1878.

Municipal Divisions.	Names of Villages.	Mahomedans. April.		May.		June.		July.		August.		September.		October.		November.		December.		Total.		Total of Males and Females.	Total for January, February and March.	Total Deaths.
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
1	Tondiarpettah	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Washermenpettah	2	4	1	1	1	3	4	1	6	6	9	4	4	4	6	5	1	3	34	31	65	20	85
	Royapuram	1	5	4	5	2	2	5	5	3	5	6	4	6	2	2	5	1	2	30	35	65	33	98
	Cashmode	3	10	4	10	3	6	3	7	8	9	7	10	2	7	2	3	8	10	40	72	112	49	161
	Total..	6	19	9	16	6	11	12	13	17	20	22	18	12	13	10	13	10	15	104	138	242	102	344
2	Peddoo Naick's Pettah	..	..	..	1	2	..	1	..	1	2	1	1	3	1	1	1	2	..	11	6	17	6	23
	Big Parcherry	..	..	..	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..	2	1	3	15	18
	John Pereira's Garden	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total..	..	..	..	2	2	..	1	..	3	2	1	1	3	1	1	1	2	..	13	7	20	21	41
3	Moothealpettah	3	9	9	4	8	11	3	4	2	8	4	6	8	10	5	7	4	11	46	70	116	54	170
	Uttapauliam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Fort Saint George	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total..	3	9	9	4	8	11	3	4	2	8	4	6	8	10	5	7	4	11	46	70	116	54	170
4	Gunpowder Mills	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1
	Perambore	..	3	5	1	..	2	3	2	3	..	4	1	1	4	3	2	2	1	21	16	37	19	56
	Viasarapaudy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	2	..	2	1	3
	Total..	..	3	6	1	..	2	3	2	3	..	4	1	1	4	5	2	2	1	24	16	40	20	60
5	Choolay	2	..	..	1	..	..	..	..	2	..	2	..	3	..	2	1	..	..	11	2	13	7	20
	Pursewalkum	1	1	..	..	1	1	..	..	..	1	1	3	1	2	1	..	1	..	6	8	14	1	15
	Pereamettoo	..	1	1	1	1	..	..	1	1	..	..	1	..	3	1	1	..	2	4	10	14	9	23
	New Town	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Vepery	..	..	1	..	..	2	..	..	..	..	2	..	..	2	1	4	..	1	4	9	13	4	17
	Poodoopettah	1	..	1	..	1	4	1	2	..	1	1	2	..	1	1	1	1	..	7	11	18	12	30
	Egmore	..	..	1	..	..	..	..	1	..	1	1	..	..	..	..	..	..	..	2	2	4	2	6
	Camaleeswarapooram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
	Total..	4	2	4	2	3	7	1	4	3	3	7	6	4	8	6	7	2	3	34	42	76	36	112
6	Kilpauk	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	1
	Chetput	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Nungumbakum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Mackey's Garden	..	..	..	..	1	..	..	..	..	..	..	1	..	..	1	..	..	..	2	1	3	2	5
	Total..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	1	1	..	..	2	2	4	2	6
7	Poodoopaukum..	1	3	1	..	1	..	1	1	..	3	2	1	4	3	2	1	1	3	13	15	28	19	47
	Chintadripettah	..	2	..	1	1	2	..	..	..	2	2	1	..	..	1	1	..	..	4	9	13	8	21
	Narasingapooram	1	3	1	3	..	1	..	..	..	1	..	..	..	..	1	..	..	1	3	9	12	2	14
	Triplicane	21	39	21	36	29	20	19	25	24	23	28	22	27	22	20	23	20	14	209	224	433	184	617
	Theerooveteeswaranpettah	2	1	6	8	5	11	4	8	3	5	8	6	5	4	3	2	1	..	37	45	82	42	124
	Total..	25	48	29	48	36	34	24	34	27	34	40	30	36	29	27	27	22	18	266	302	568	255	823
8	Saint Thome	..	4	3	1	4	1	5	..	3	4	2	2	1	4	1	4	3	1	22	21	43	10	53
	Alwarpettah	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Royapettah	2	1	1	1	1	..	2	2	4	3	2	7	2	2	..	..	4	1	18	17	35	21	56
	Meer Saib'spettah	2	1	..	1	..	1	3	..	3	3	3	2	3	..	..	2	2	1	16	11	27	12	39
	Kistnampettah	1	1	2	3	..	..	..	..	..	2	..	..	..	1	..	1	1	1	4	9	13	10	23
	Thanampettah	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	2	1	3	1	4
	Total..	5	7	6	6	5	2	10	2	10	12	7	11	7	7	1	8	11	4	62	59	121	54	175
	General Total...	43	88	63	79	61	67	54	59	65	79	85	74	71	72	56	66	53	52	551	636	1,187	544	1,731
	Monegar Choultry Hospital	1	1	..	..	..	..	1	..	2	1	1	1	2	1	..	2	..	2	7	8	15	5	20
	General "	..	..	2	..	..	..	..	..	..	..	..	..	3	..	3	..	1	..	9	..	9	3	12
	Lock "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Hospital for Women and Children	..	1	..	2	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	4	4	11	15
	Lying-in-Hospital	..	..	..	1	2	1	1	..	..	..	..	..	..	..	..	..	..	..	3	2	5	2	7
	Penitentiary Hospital	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	2
	Lunatic Asylum	1	..	1	..	2	..	..	..	..	..	1	..	..	1	..	..	..	..	5	1	6	2	8
	Royapettah Hospital	..	1	1	1	..	..	..	..	..	..	3	4	3	1	1	..	5	1	13	8	21	13	34
	Total..	2	3	5	4	4	1	2	..	2	2	5	5	8	3	4	2	6	3	38	23	61	37	98
	General Total..	45	91	68	83	65	68	56	59	67	81	90	79	79	75	60	68	59	55	589	659	1,248	581	1,829

APPENDIX V.

VITAL STATSITICS.

TABLE XXIII.—DEATHS.

Return showing the total Deaths among all Classes in each Village of the City of Madras, for the year 1878.

Municipal Divisions.	Names of Villages.	Population.	Europeans. M	Europeans. F	East Indians. M	East Indians. F	Native Christians. M	Native Christians. F	Hindus. M	Hindus. F	Mahomedans. M	Mahomedans. F	Total M	Total F	Total of Males and Females.	Total for January, February and March.	Total Deaths	Ratio per 1,000 of population.
1	Tondiarpettah ...	35,240	...	...	...	...	...	...	82	52	...	...	82	52	134	69	203	45·4
	Washermenpettah ...	6,409	...	...	1	2	5	10	532	494	34	31	572	537	1,109	581	1,690	
	Royapuram	11,089	5	3	8	12	24	21	300	254	30	35	367	325	692	395	1,087	98·0
	Cashmode	12,383	...	1	1	...	26	30	200	125	40	72	267	228	495	240	735	59·3
	Total...	65,121	5	4	10	14	55	61	1,114	925	104	138	1,288	1,142	2,430	1,285	3,715	57·0
2	Peddoo Naick's Pettah	65,629	2	2	6	1	2	2	999	1,122	11	6	1,020	1,133	2,153	1,046	3,199	48·7
	Big Parcherry ...	5,179	...	1	11	10	12	8	...	...	2	1	25	20	45	33	78	15·0
	John Pereira's Garden	2,930	2	...	5	3	4	3	1	...	...	...	12	6	18	5	23	7·8
	Total...	73,738	4	3	22	14	18	13	1,000	1,122	13	7	1,057	1,159	2,216	1,084	3,300	44·4
3	Moothealpettah ...	32,062	12	8	39	41	19	21	525	621	46	70	641	761	1,402	613	2,015	39·5
	Uttapauliam	18,895	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Fort Saint George ..	1,588	3	...	...	2	...	...	...	...	...	...	3	2	5	7	12	7·5
	Total...	52,545	15	8	39	43	19	21	525	621	46	70	644	763	1,407	620	2,027	38·5
4	Gunpowder Mills ...	641	...	...	...	2	...	1	3	2	1	...	4	5	9	...	9	14·0
	Perambore	5,650	2	...	4	12	1	3	83	101	21	16	111	132	243	128	371	65·6
	Viasarapaudy ...	3,500	...	...	...	...	...	...	28	36	2	...	30	36	66	32	98	28·0
	Total...	9,791	2	...	4	14	1	4	114	139	24	16	145	173	318	160	478	48·8
5	Choolay	15,000	...	...	...	2	3	6	182	193	11	2	196	203	399	293	692	46·1
	Pursewalkum ...	19,006	3	...	16	11	22	22	282	310	6	8	329	351	680	286	966	60·8
	Pereamettoo	11,275	...	...	1	1	...	4	89	109	4	10	94	124	218	108	326	32·1
	New Town		1	1	15	9	1	5	...	2	...	...	17	17	34	12	46	
	Vepery	4,500	4	5	11	9	2	6	17	20	4	9	38	49	87	55	142	31·5
	Poodoopettah... ...	3,774	...	1	4	5	12	11	35	30	7	11	58	58	116	72	188	49·8
	Egmore	4,392	4	...	3	4	5	5	57	65	2	2	71	76	147	82	229	25·0
	Comaleeswarapooram	7,544	...	...	...	...	...	...	37	44	...	...	37	44	81	43	124	
	Total...	65,491	12	7	50	41	45	59	699	773	34	42	840	922	1,762	951	2,713	41·4
6	Kilpaukum	5,222	...	2	1	1	...	1	38	32	...	1	39	37	76	34	110	22·9
	Chetput	2,611	2	...	...	...	2	1	52	53	...	...	56	54	110	10	120	45·9
	Nungumbaukum ...	7,704	1	1	1	...	3	3	80	56	...	...	85	60	145	50	195	25·3
	Mackey's Garden ...	3,853	1	...	...	3	1	2	22	16	2	1	26	22	48	27	75	19·4
	Total...	19,390	4	3	2	4	6	7	192	157	2	2	206	173	379	121	500	25·7
7	Poodoopaukum ...	6,087	...	1	3	4	4	4	87	80	13	15	107	104	211	111	322	52·8
	Chintadripettah ...	15,120	1	1	4	2	18	9	211	206	4	9	238	227	465	174	639	42·2
	Narasingapooram ...	3,046	...	...	3	2	3	6	37	40	3	9	46	57	103	29	132	43·3
	Triplicane	33,258	1	1	1	2	2	3	351	282	209	224	564	512	1,076	448	1,524	45·8
	Theroovetees warampettah	12,057	...	...	...	...	...	...	52	31	37	45	89	76	165	74	239	19·8
	Total...	69,568	2	3	11	10	27	22	738	639	266	302	1,044	976	2,020	836	2,856	41·0
8	Saint Thome	20,575	1	4	4	5	10	7	256	284	22	21	293	321	614	281	895	42·3
	Alwarpettah	1,163	...	...	...	...	...	...	11	13	...	...	11	13	24	1	25	
	Royapettah	5,255	...	...	4	5	5	2	53	66	18	17	80	90	170	81	251	47·7
	Meer Saib'spettah ...	2,050	...	...	...	3	...	1	25	32	16	11	41	47	88	39	127	61·9
	Kistnampettah ...	5,193	...	...	...	...	...	...	41	46	4	9	45	55	100	39	139	26·7
	Thanampettah ...	7,246	...	...	...	1	5	...	31	48	2	1	38	50	88	43	131	18·0
	Total...	41,482	1	4	8	14	20	10	417	489	62	59	508	576	1,084	484	1,568	37·8
	General Total...	397,126	45	32	146	154	191	197	4,799	4,865	551	636	5.732	5,884	11,616	5,541	17,157	43·2
	Monegar Choultry Hospital	426	...	...	3	...	13	5	262	212	7	8	285	225	510	351	861	2021·1
	General Hospital ...	...	29	3	18	2	1	1	111	5	9	...	168	11	179	98	277	...
	Lock " ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
	Hospital for Women and Children ...	...	1	1	3	10	...	5	10	73	...	4	14	93	107	116	223	...
	Lying-in-Hospital ...	...	1	...	1	3	3	6	28	51	3	2	36	62	98	35	133	...
	Penitentiary Hospital	...	...	...	...	...	...	...	13	...	1	...	14	...	14	4	18	...
	Lunatic Asylum ...	...	3	...	...	...	2	...	24	3	5	1	34	4	38	13	51	...
	Royapettah Hospital..	...	...	...	...	1	...	...	40	21	13	8	53	30	83	108	191	...
	Total...	426	34	4	25	16	19	17	488	365	38	23	604	425	1,029	726	1,755	...
	General Total...	397,552	79	36	171	170	210	214	5,287	5,230	589	659	6,336	6,309	12,645	6,267	18,912	47·5
	Total of Males and Females	...	115		341		424		10,517		1,248		12,645		...	...	...	...
	Total for January February and March...	...	43		108		198		5,337		581		6,267		...	...	...	...
	General Total...	...	158		449		622		15,854		1,829		18,912		...	...	...	...

APPENDIX V.

VITAL STATISTICS.

TABLE XXIV.—DEATHS.

Return showing the Deaths from Small-pox in each Village of the City of Madras, for the year 1878, arranged according to months.

Municipal Divisions.	Names of Villages.	Deaths from Small-pox.																				Total of Males and Females.	Total for January, February and March.	Total Deaths.
		April.		May.		June.		July.		August.		September.		October.		November.		December.		Total.				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F.	M	F.	M	F.	M.	F.			
1	Tondiarpettah ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Washermenpettah..	..	1	1	..	...	1	1	...	1	...	...	...	...	...	...	...	1	1	4	3	7	10	17
	Royapuram ..	1	1	..	..	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	3	4	24	28
	Cashmode ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	13
	Total..	1	2	1	..	...	3	1	...	1	...	...	...	...	...	...	...	1	1	5	6	11	47	58
2	Peddoo Naick's Pettah ..	3	4	5	5	3	4	6	3	5	4	4	2	3	7	4	9	2	4	35	42	77	25	102
	Big Parcherry ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	John Pereira's Garden ...	..		..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
	Total..	3	4	5	5	3	4	6	3	5	4	4	2	3	7	4	9	2	4	35	42	77	27	104
3	Moothealpettah ..	1	2	..	..	1	1	1	...	...	1	...	...	...	...	2	2	5	4	10	10	20	24	44
	Uttapauliam ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
	Fort Saint George..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total..	1	2	..	..	1	1	1	...	...	1	...	...	...	...	2	2	5	4	10	10	20	24	44
4	Gunpowder Mills ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1
	Peramboor ..	..	..	1	..	...	...	1	1	...	1	...	1	...	...	...	...	...	...	2	3	5	6	11
	Viasarapaudy ..	..	1	..	..	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	4	7
	Total..	..	1	1	..	...	2	1	1	...	1	...	1	...	...	...	...	...	1	2	7	9	10	19
5	Choolay ..	1	1	1	..	...	1	2	...	...	...	...	...	...	...	...	...	...	...	4	2	6	37	43
	Purasewalkum ..	2	..	..	..	...	1	...	...	1	...	...	...	...	...	...	...	...	1	3	2	5	12	17
	Pereamettoo ..	1	1	..	..	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	3	4	10	14
	New Town ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Vepery ..	1	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	2
	Poodoopettah ..	..	1	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	3
	Egmore ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	5
	Comaleeswarapoorum ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4
	Total..	5	3	1	..	...	2	2	...	1	...	...	...	...	1	...	1	...	1	9	8	17	72	89
6	Kilpaukum ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chetput ..	1	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1
	Nungumbaukum ..	..	..	1	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	3	4
	Mackey's Garden ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total..	1	..	1	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	3	5
7	Poodoopaukum ..	..	..	1	.	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	5	7
	Chintadripettah ..	1	..	..	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	4	6
	Narasingapooram ..	..	1	..	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3	...	3
	Triplicane ..	2	3	1	2	...	3	2	1	...	...	1	1	1	2	1	...	2	...	10	12	22	20	42
	Therooveteswaranpettah ..	1	1	..	..	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	2	3	4	7
	Total..	4	5	2	3	2	4	2	2	...	...	1	1	1	2	1	...	2	...	15	17	32	33	65
8	Saint Thomé ..	2	2	..	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	3	4	7	7	14
	Alwarpettah ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Royapettah ..	..	..	..	..	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	22	23
	Meer Saib'spettah..	..	..	..	..	...	3	...	1	...	...	1	...	1	1	...	...	...	1	2	6	8	2	10
	Kistnampettah ..	..	..	2	1	...	...	...	...	...	...	...	...	...	1	...	...	1	2	3	4	7	2	9
	Thanampettah ..	..	..	2	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	2	4
	Total..	2	2	4	2	1	5	...	1	...	...	1	...	1	2	...	...	1	3	10	15	25	35	60
	General Total..	17	19	15	10	7	21	13	7	7	6	6	4	5	12	7	12	11	14	88	105	193	251	444
	Monegar Choultry Hospital ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	1
	General Hospital ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lock " ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hospital for Women and Children ..	..	1	..	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	2
	Lying-in-Hospital..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Penitentiary " ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lunatic Asylum ..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Royapettah Hospital	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total..	..	1	..	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	2	3	...	3
	General Total..	17	20	15	11	7	21	13	7	7	6	6	4	5	12	8	12	11	14	89	107	196	251	447

VITAL STATISTICS.

TABLE XXV.—DEATHS.

Return showing the Deaths from Fevers in each Village of the City of Madras, for the year 1878, arranged according to months.

Municipal Divisions.	Names of Villages.	Deaths from Fevers.																				Total of Males and Females.	Total for January, February and March.	Total Deaths.
		April.		May.		June.		July.		August.		September.		October.		November.		December.		Total.				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
1	Tondiarpettah ...	3	5	1	3	1	2	5	2	3	...	2	2	3	...	3	1	5	2	26	17	43	20	63
	Washermenpettah...	13	12	12	16	12	7	14	13	18	17	35	38	37	46	31	45	27	26	199	220	419	246	665
	Royapuram ...	8	11	11	5	13	10	9	7	12	9	19	12	16	13	23	18	13	17	124	102	226	119	345
	Cashmode ...	12	13	12	6	16	8	5	8	13	6	16	9	13	10	12	11	10	13	109	84	193	66	259
	Total...	36	41	36	30	42	27	33	30	46	32	72	61	69	69	69	75	55	58	458	423	881	451	1,332
2	Peddoo Naick's Pettah	31	32	28	24	32	35	15	30	35	36	29	63	37	46	31	41	32	30	270	337	607	314	921
	Big Parcherry ...	1	...	...	2	3	1	...	...	1	...	1	3	...	1	1	...	...	...	7	7	14	10	24
	John Pereira's Garden	...	...	1	...	1	1	...	1	1	...	...	...	...	...	...	1	...	...	3	3	6	1	7
	Total...	32	32	29	26	36	37	15	31	37	36	30	66	37	47	32	42	32	30	280	347	627	325	952
3	Moothealpettah ...	13	10	19	27	15	14	8	22	18	26	27	36	25	34	18	33	18	34	161	236	397	172	569
	Uttapauliam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Saint George...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	2
	Total...	13	10	19	28	15	14	8	22	18	26	27	36	25	34	18	33	18	34	161	237	398	173	571
4	Gunpowder Mills ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	2
	Perambore ...	2	4	2	1	...	5	1	3	3	2	3	5	4	4	5	5	2	5	22	34	56	43	99
	Viasarapaudy ...	2	1	2	...	...	1	...	1	...	...	2	...	...	...	2	1	1	3	9	7	16	9	25
	Total...	4	5	4	1	1	6	1	4	3	2	5	5	4	4	7	6	3	8	32	41	73	53	126
5	Choolay ...	8	6	7	10	10	3	5	2	9	3	5	11	2	7	7	5	3	2	56	49	105	65	170
	Pursewalkum ...	7	11	9	12	7	15	5	5	14	11	8	10	10	17	6	7	10	15	76	103	179	62	241
	Peresamettoo ...	4	4	2	4	5	5	1	5	1	5	4	7	5	8	4	3	2	5	28	46	74	37	111
	New Town ...	...	...	3	...	3	...	1	...	1	...	...	1	...	...	...	...	1	...	9	1	10	3	13
	Vepery... ...	...	1	3	2	...	5	...	...	1	2	2	4	1	2	2	2	3	2	12	20	32	14	46
	Poodoopettah ...	2	...	2	1	2	2	2	2	...	2	2	2	...	1	...	2	2	2	12	14	26	23	49
	Egmore ...	2	5	3	5	5	5	2	1	3	2	...	...	3	2	5	...	2	...	25	20	45	35	80
	Comaleeswarapooram ...	2	2	2	1	...	1	...	1	...	1	3	2	2	1	...	4	1	1	10	14	24	11	35
	Total...	25	29	31	35	32	36	16	16	29	26	24	37	23	38	24	23	24	27	228	267	495	250	745
6	Kilpaukum ...	2	2	3	4	2	2	3	2	2	2	1	...	...	...	...	2	...	1	13	15	28	10	38
	Chetput ...	4	1	2	1	1	4	3	3	2	3	2	1	...	1	...	...	...	...	14	14	28	1	29
	Nungumbaukum ...	9	6	5	10	1	2	...	...	1	1	1	...	1	3	2	...	1	2	21	24	45	9	54
	Mackey's Garden ...	1	2	1	1	...	...	...	...	...	...	...	1	1	...	...	1	...	...	3	5	8	12	20
	Total..	16	11	11	16	4	8	6	5	5	6	4	2	2	4	2	3	1	3	51	58	109	32	141
7	Poodoopaukum ...	1	2	2	5	3	3	3	3	2	6	2	3	4		3	3	2	2	22	32	54	23	77
	Chintadripettah ...	11	8	18	8	10	11	3	4	5	4	11	5	6	8	10	9	4	6	78	63	141	41	182
	Narasingapooram...	2	2	1	1	...	2	1	1	1	2	...	1	...	...	1	1	...	2	6	12	18	2	20
	Triplicane ...	14	8	16	14	14	15	10	8	15	7	17	15	27	19	12	12	12	3	137	101	238	98	336
	Therooveteeswarampettah ...	3	...	2	5	1	4	5	1	2	1	5	...	4	4	...	...	2	2	24	17	41	13	54
	Total...	31	20	39	33	28	35	22	17	25	20	35	24	41	36	26	25	20	15	267	225	492	177	669
8	Saint Thome ...	7	19	3	3	12	7	11	5	5	4	11	4	12	15	5	6	14	13	80	76	156	78	234
	Alwarpettah ...	...	...	1	...	...	...	...	...	...	...	...	2	1	2	1	1	1	...	4	5	9	...	9
	Royapettah ...	3	5	2	4	2	3	1	5	1	4	2	4	...	3	1	1	6	4	18	33	51	17	68
	Meer Saib's Pettah..	2	1	...	...	1	2	...	1	1	...	...	3	2	...	1	2	1	...	8	9	17	10	27
	Kistnampettah ...	1	1	2	1	4	2	...	...	1	1	...	...	2	1	2	1	1	1	13	8	21	8	29
	Thanampettah ...	...	1	1	1	1	...	1	1	...	...	3	3	1	1	...	1	1	...	8	8	16	12	28
	Total...	13	27	9	9	20	14	13	12	8	9	16	16	18	22	10	12	24	18	131	139	270	125	395
	General Total...	170	175	178	178	178	177	114	137	171	157	213	247	219	254	188	219	177	193	1,608	1,787	3,345	1,586	4,931
	Monegar Choultry Hospital ...	1	1	...	...	...	...	1	2	...	...	2	1	2	...	...	1	...	...	6	5	11	3	14
	General Hospital ...	1	...	...	...	...	...	...	...	4	...	2	...	2	...	1	...	1	...	11	...	11	7	18
	Lock „ ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hospital for Women and Children ...	...	...	...	2	1	...	...	...	...	...	...	2	...	1	...	1	1	1	2	7	9	5	14
	Lying-in-Hospital...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1
	Penitentiary „ ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lunatic Asylum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Royapettah Hospital	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	3	3	1	4
	Total...	2	1	...	2	1	1	1	2	4	1	4	3	4	2	1	3	2	1	19	16	35	16	51
	General Total...	172	176	178	180	179	178	115	139	175	158	217	250	223	256	189	222	179	194	1,627	1,753	3,380	1,602	4,982

VITAL STATISTICS.

TABLE XXVI.—DEATHS.

Return showing the Deaths from Dysentery in each Village of the City of Madras for the year 1878, arranged according to months.

Municipal Divisions.	Names of Villages.	Deaths from Dysentery. April. M	April. F.	May. M	May. F.	June. M	June. F.	July. M	July. F.	August. M.	August. F.	September. M.	September. F.	October. M.	October. F.	November. M	November. F.	December. M	December. F.	Total. M.	Total. F.	Total of Males and Females.	Total for January, February and March.	Total Deaths.
1	Tondiarpettah ...	...	...	1	...	3	...	4	...	...	...	1	1	3	1	2	...	1	1	15	3	18	21	39
	Washermenpettah ...	9	12	16	3	4	4	8	5	16	11	24	30	20	20	9	9	9	8	115	102	217	157	374
	Royapurum ...	10	7	10	6	4	2	3	...	8	5	5	5	5	7	1	3	4	2	50	37	87	91	178
	Cashmode ...	6	4	5	2	1	...	3	2	3	2	1	4	2	2	2	4	3	2	26	22	48	56	104
	Total...	25	23	32	11	12	6	18	7	27	18	31	40	30	30	14	16	17	13	206	164	370	325	695
2	Peddoo Naick'spettah ...	8	14	4	10	3	8	7	8	21	26	22	22	7	21	12	7	9	8	93	124	217	246	463
	Big Parcherry ...	...	...	1	...	1	...	...	...	1	1	2	1	...	...	...	...	...	...	5	2	7	6	13
	John Pereira's Garden ...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	2
	Total...	8	14	5	11	4	8	7	8	22	27	24	23	7	21	12	7	9	8	98	127	225	253	478
3	Mootheal Pettah ...	13	9	5	10	7	1	6	2	9	20	18	21	7	11	4	5	5	5	74	84	158	133	291
	Uttapoauliam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Saint George ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	13	9	5	10	7	1	6	2	9	20	18	21	7	11	4	5	5	5	74	84	158	133	291
4	Gunpowder Mills ...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	2
	Perambore ...	...	1	2	2	2	2	1	4	4	4	5	4	4	4	3	3	4	2	25	26	51	29	80
	Viasarapaudy ...	1	...	...	...	...	...	...	1	2	2	1	4	...	1	...	2	1	1	5	11	16	12	28
	Total...	1	2	3	2	2	2	1	5	6	6	6	8	4	5	3	5	5	3	31	38	69	41	110
5	Choolay ...	1	5	1	2	2	3	4	6	5	8	10	9	6	4	4	8	2	2	35	47	82	92	174
	Pursewalkum ...	10	12	2	7	1	4	4	3	11	7	17	24	13	8	4	8	8	6	70	79	149	109	258
	Pereamettoo ...	1	1	...	1	...	2	2	...	1	2	3	6	...	5	...	2	2	...	9	19	28	27	55
	New Town ...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	1	1	2	2	4
	Vepery ...	...	1	...	...	...	1	...	...	...	...	...	1	1	...	...	...	1	...	2	3	5	6	11
	Poodoopettah ..	1	1	1	...	1	1	...	1	2	1	3	3	5	4	1	1	1	...	15	12	27	23	50
	Egmore ...	1	3	2	1	1	3	...	2	...	5	2	3	...	2	...	...	...	...	6	19	25	23	48
	Comaleeswarapooram ...	...	...	...	1	2	1	1	...	1	...	3	1	1	1	...	1	1	...	9	5	14	10	24
	Total...	14	23	6	12	7	16	11	12	20	23	38	47	27	24	9	20	15	8	147	185	332	292	624
6	Kilpaukum ...	2	...	1	3	1	1	...	...	3	...	1	...	1	1	1	...	1	1	11	6	17	10	27
	Chetput ...	...	2	1	...	4	...	...	2	1	2	1	4	1	1	...	1	...	...	8	12	20	5	25
	Nungumbaukum ...	...	...	2	4	2	2	...	...	...	...	1	...	2	1	1	...	1	1	9	8	17	19	36
	Mackey's Garden ...	1	...	...	...	1	...	1	...	1	1	...	1	...	1	...	...	...	...	4	3	7	7	14
	Total...	3	2	4	7	8	3	1	2	5	3	3	5	4	4	2	1	2	2	32	29	61	41	102
7	Poodoopaukum ...	1	2	3	1	3	1	1	1	2	3	3	1	3	4	1	2	1	...	18	15	33	33	66
	Chintadripettah ...	5	7	3	4	3	3	1	4	6	5	10	7	5	4	4	1	3	5	40	40	80	46	126
	Narasingapoorum ...	...	...	2	1	2	1	2	2	1	4	1	3	...	2	2	2	...	...	10	15	25	10	35
	Triplicane ...	5	8	4	7	5	1	3	1	8	10	24	13	6	2	5	5	6	5	66	52	118	102	220
	Therooveteeswerapettah...	...	...	1	2	1	3	1	...	1	...	3	2	1	3	1	1	...	1	9	12	21	21	42
	Total...	11	17	13	15	14	9	8	8	18	22	41	26	15	15	13	11	10	11	143	134	277	212	489
8	Saint Thome ...	3	1	6	7	2	4	4	7	5	12	3	10	7	6	6	2	5	4	41	53	94	71	165
	Alwarpettah ...	...	...	...	...	...	...	...	...	1	...	...	1	1	...	1	1	...	...	3	2	5	...	5
	Royapettah ...	4	...	1	2	2	3	2	...	3	1	3	5	1	3	1	1	2	1	19	16	35	12	47
	Meer Saib's Pettah ...	...	...	...	1	...	1	2	2	1	4	2	2	...	...	...	2	2	...	7	12	19	12	31
	Kistnampettah ...	1	...	2	4	...	1	1	1	...	2	2	3	3	2	2	...	1	1	12	14	26	16	42
	Thanampettah ...	3	2	1	1	...	1	1	...	1	1	1	6	2	2	2	1	2	...	13	14	27	13	40
	Total...	11	3	10	15	4	10	10	10	11	20	11	27	14	13	12	7	12	6	95	111	206	124	330
	General Total...	86	93	78	83	58	55	62	54	118	139	172	197	108	123	69	72	75	56	826	872	1,698	1,421	3,119
	Monegar Choultry Hospital	9	11	11	2	7	5	10	4	16	15	35	9	14	14	13	8	4	4	119	72	191	15	206
	General " ...	...	1	2	...	...	...	2	...	4	...	5	...	2	...	...	...	1	...	16	1	17	13	30
	Lock " ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hospital for Women and Children ...	...	5	1	2	...	...	1	1	...	4	...	3	1	...	...	...	...	...	3	15	18	37	55
	Lying-in-Hospital ...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	2	2	3	5
	Penitentiary Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Lunatic Asylum ...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	1	...	3	...	3	2	5
	Royapettah Hospital ...	...	1	1	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	3	1	4	9	13
	Total...	9	18	15	4	7	6	13	5	21	19	43	12	17	14	13	9	6	4	144	91	235	80	315
	General Total...	95	111	93	87	65	61	75	59	139	158	251	209	125	137	82	81	81	60	970	963	1,933	1,501	3,434

VITAL STATISTICS.

TABLE XXVII.—DEATHS.

Return showing the Deaths from Diarrhœa in each Village of the City of Madras, for the year 1878, arranged according to months.

Municipal Divisions.	Names of Villages.	Deaths from Diarrhœa. April. M	April. F	May. M	May. F	June. M	June. F	July. M	July. F	August. M	August. F	September. M	September. F	October. M	October. F	November. M	November. F	December. M	December. F	Total. M	Total. F	Total of Males and Females	Total for Jan. Feb. & March.	Total Deaths.
1	Tondiarpettah	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	2	2	4
	Washermenpettah ...	2	1	3	4	4	2	2	...	3	3	7	4	3	3	2	3	3	4	29	24	53	19	72
	Royapooram	2	3	1	1	1	...	...	4	3	5	2	4	1	2	...	...	...	1	10	20	30	13	43
	Cashmode	1	2	1	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2	5	7	9	16
	Total...	5	6	6	6	5	2	2	6	6	8	10	8	4	5	2	3	3	5	43	49	92	43	135
2	Peddoo Naick's Petttah ...	4	5	1	5	4	3	5	4	8	9	6	10	5	6	6	7	6	...	45	49	94	29	123
	Big Parcherry	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1	1	2	3	5
	John Pereira's Garden ...	...	...	1	...	1	...	1	..	...	...	...	...	...	...	...	...	...	...	3	...	3	...	3
	Total...	4	5	2	5	5	3	6	4	9	10	6	10		6	6	7	6	...	49	50	99	32	131
3	Moothealpettah	3	...	1	2	3	3	3	3	6	4	4	10	5	7	3	1	2	4	30	34	64	22	86
	Uttapauliam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Saint George ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	3	...	1	2	3	3	3	3	6	4	4	10	5	7	3	1	2	4	30	34	64	22	86
4	Gunpowder Mills ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	...	1
	Perambore	...	...	...	...	3	...	1	1	2	...	1	2	...	1	1	1	2	...	10	5	15	1	16
	Viasarapaudy	...	...	...	...	...	...	...	...	...	1	...	1	...	1	1	...	...	...	1	3	4	...	4
	Total...	...	...	...	...	3	...	1	1	2	1	1	3	...	3	2	1	2	...	11	9	20	1	21
5	Choolay	...	...	...	1	...	1	1	...	...	...	1	...	2	1	...	...	...	...	4	3	7	2	9
	Pursewalkum	3	1	4	...	...	3	3	1	4	2	1	4	2	...	...	2	...	1	17	14	31	10	41
	Pereamettoo	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	2
	New Town	...	...	1	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2	1	3	...	3
	Vepery...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	5
	Poodoopettah	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	2	2	2	4
	Egmore	...	...	...	...	1	...	...	1	...	...	1	1	...	...	...	...	...	...	2	2	4	1	5
	Comaleeswarapooram ...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	1	2	1	3
	Total...	3	1	5	2	1	5	7	2	4	3	3	5	4	1	...	2	...	2	27	23	50	22	72
6	Kilpaukum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
	Chetput	...	...	...	...	...	1	...	...	...	...	2	1	1	...	2	...	...	...	5	2	7	...	7
	Nungumbakum	...	...	...	..	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	1	2
	Mackey's Garden... ...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	1	1	2	...	2
	Total...	...	...	...	...	...	2	...	...	...	...	3	1	1	1	2	...	...	...	6	4	10	3	13
7	Poodoopaukum	...	...	...	...	...	...	1	...	1	2	...	...	1	...	...	...	...	...	3	2	5	2	7
	Chintadripettah	...	1	...	...	...	...	...	...	...	...	3	...	...	2	...	...	...	...	3	3	6	8	14
	Narasingapooram ...	...	...	1	...	...	...	...	1	...	1	1	1	...	...	...	...	...	...	2	3	5	...	5
	Triplicane	5	2	...	...	3	2	1	3	4	5	5	6	2	3	2	3	2	2	24	26	50	9	59
	Therooveteeswaranpettah...	...	...	...	1	...	1	1	...	...	...	1	...	1	...	...	...	...	1	3	3	6	1	7
	Total...	5	3	1	1	3	3	3	4	5	8	10	7	4	5	2	3	2	3	35	37	72	20	92
8	Saint Thome	1	2	...	...	1	3	...	1	1	3	2	1	3	2	...	3	...	2	8	17	25	11	36
	Alwarpettah	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	1	1	2	...	2
	Royapettah	...	2	1	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	2	3	5	3	8
	Meer Saib'spettah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Kistnampettah	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	2	1	3
	Thanampettah	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	1	2	3	2	5
	Total...	2	4	1	...	1	3	...	1	1	5	2	3	6	2	1	3	...	2	14	23	37	18	55
	General Total...	22	19	16	16	21	21	22	21	33	39	39	47	29	30	18	20	15	16	215	229	444	161	605
	Monegar Choultry Hospital	5	5	2	4	1	1	...	1	4	5	5	7	1	8	1	3	7	7	26	41	67	284	351
	General " ...	4	...	..	...	...	2	...	...	2	...	1	...	8	...	1	1	3	...	19	3	22	20	42
	Lock " ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hospital for Women and Children	...	1	...	2	...	2	...	1	...	3	...	...	...	...	...	...	1	...	1	9	10	16	26
	Lying-in-Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Penitentiary Hospital ...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	3	...	...	...	5	...	5	1	6
	Lunatic Asylum	1	...	2	...	...	...	...	1	...	1	1	...	...	...	...	...	...	...	4	2	6	...	6
	Royapettah Hospital ...	3	2	4	4	...	...	...	...	...	...	4	3	1	3	2	...	2	...	16	12	28	44	72
	Total...	13	8	8	10	1	5	...	3	7	9	12	10	10	11	7	4	13	7	71	67	138	365	503
	General Total...	35	27	24	26	22	26	22	24	40	48	51	57	39	41	25	24	28	23	286	296	582	526	1,108

VITAL STATISTICS.

TABLE XXVIII.—DEATHS.

Return showing the Deaths from Cholera in each Village of the City of Madras, for the year 1878, *arranged according to months.*

Municipal Divisions.	Names of Villages.	Deaths from Cholera.																							
		April.		May.		June.		July.		August.		September.		October.		November.		December.		Total.		Total of Males and Females.	Total for January, February and March.	Total Deaths.
		M.	F	M.	F	M.	F	M.	F	M.	F	M.	F	M.	F	M.	F	M.	F.	M.	F.			
1	Tondiarpettah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Washermenpettah ...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	1	2	...	...	3	2	5	...	5
	Royapooram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cashmode ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	1
	Total...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2	2	...	...	4	2	6	1	7
2	Peddoo Naick's Pettah ...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	2	1	...	3	3	6	5	11
	Big Parcherry ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	John Pereira's Garden ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	2
	Total...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	1	2	1	...	4	3	7	6	13
3	Moothealpettah ...	...	1	...	...	1	...	...	...	...	3	...	...	...	...	5	7	2	1	8	12	20	...	20
	Uttapaulium ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Saint George ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	...	1	...	...	1	...	...	...	...	3	...	...	...	...	5	7	2	1	8	12	20	...	20
4	Gunpowder Mills ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peramboor ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	1	2
	Viasarapaudy ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	1
	Total...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	1	2	1	3
5	Choolay ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.	...	...	...	...	...	1	1	1	2
	Pursewalkum ...	..	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	2	2	1	3
	Pareamettoo ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	1	2	...	2
	New Town ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Vepery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Poodoopettah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Egmore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comaleeswarapooram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	1	...	1	1	4	5	3	8
6	Kilpaukum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chetput ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nungumbakum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mackey's Garden ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	Poodoopaukum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chintadripettah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narasingapooram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Triplicane ...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	3	3	...	3
	Theroovetesveranpettah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Total...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	3	3	1	4
8	Saint Thomé ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	1	2	6	8
	Alwarpettah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Royapettah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4
	Meer Saib'spettah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kistnampettah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Thanampettah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	1	2	11	13
	General Total...	...	2	...	1	4	1	...	...	...	3	...	...	1	3	11	14	3	2	19	26	45	23	68
	Monegar Choultry Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	...	1
	General " ...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	2	2	2	...	7	2	9	1	10
	Lock " ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hospital for Women and Children ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1	2	2	4
	Lying-in-Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Penitentiary Hospital ...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Lunatic Asylum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Royapettah Hospital ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	1
	Total...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	2	4	4	...	9	4	13	4	17
	General Total...	...	2	...	1	4	1	...	...	...	3	1	...	3	3	13	18	7	2	28	30	58	2 7	85

VITAL STATISTICS.

TABLE XXIX—DEATHS.

Return showing the Deaths from Special and other Diseases among all Classes, for the year 1878, arranged according to Age and Division.

Months.	Divisions.	Class.										Cause of Deaths.											
		Europeans.		East Indians.		Native Christians.		Hindus.		Mahomedans.		Small-pox.		Measles.		Fevers.		Dysentery.		Diarrhœa.		Cholera.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M	F.	M.	F.
April 1878.	1st Division. ...	1	...	...	...	5	10	140	130	7	20	1	2	...	...	87	42	34	34	10	11	...	...
	2nd do ...	2	2	3	1	...	...	109	113	...	...	3	4	...	...	33	32	8	15	8	5	...	...
	3rd do ...	1	...	2	2	1	2	59	51	3	9	1	2	...	...	13	10	13	9	3	...	...	1
	4th do ...	...	...	1	...	1	1	7	10	...	3	...	1	...	...	4	5	1	2	...	...	...	...
	5th do ...	...	...	6	4	8	11	75	97	4	8	5	4	...	...	25	29	14	28	3	2	...	...
	6th do ...	2	...	...	...	1	2	31	28	1	...	1	...	...	...	16	11	3	2	1	...	...	...
	7th do ...	...	...	1	1	1	2	75	55	25	48	4	5	...	...	31	20	11	17	5	3	...	1
	8th do ...	...	1	...	1	1	...	56	57	5	8	2	2	...	...	13	27	11	4	5	6	...	...
	Total...	6	3	13	9	18	28	552	541	45	91	17	20	...	...	172	176	95	111	35	27	...	2
May 1878.	1st Division. ...	1	...	...	1	7	5	144	87	9	16	1	...	...	...	36	30	43	13	8	10	...	...
	2nd do ...	8	...	6	2	1	2	117	90	2	2	5	5	...	...	29	26	7	11	2	5	...	...
	3rd do ...	3	2	2	6	1	3	61	67	9	4	...	...	1	...	19	28	5	10	1	2	...	...
	4th do ...	...	...	...	2	...	1	10	6	6	1	1	...	...	...	4	1	3	2	...	...	...	...
	5th do ...	1	...	8	9	6	15	78	88	5	5	1	1	...	...	31	37	7	14	5	4	...	...
	6th do ...	1	...	...	...	3	...	31	32	1	...	1	...	...	...	11	16	4	7	2	...	...	...
	7th do ...	...	...	...	1	5	1	82	64	29	48	2	3	...	...	39	33	13	15	1	1	...	1
	8th do ...	1	...	1	2	3	...	47	42	7	7	4	2	...	...	9	9	11	15	5	4	...	...
	Total...	15	2	17	23	26	27	570	476	68	83	15	11	1	...	178	180	93	87	24	26	...	1
June 1878.	1st Division. ...	1	2	1	3	2	4	124	77	6	11	...	3	...	...	42	27	19	11	6	3	2	...
	2nd do ...	1	...	2	4	5	1	105	121	2	...	3	4	...	...	36	37	4	8	5	5	1	...
	3rd do ...	2	1	4	3	1	3	58	52	8	11	1	1	...	...	15	14	7	1	3	3	1	...
	4th do ...	1	...	1	3	...	...	11	12	...	2	...	2	...	...	1	6	2	2	3	...	...	...
	5th do ...	4	1	7	8	5	5	58	95	5	8	...	2	...	...	33	37	7	17	1	7	...	1
	6th do ...	...	...	...	1	1	2	43	24	3	...	...	...	...	...	4	8	8	3	...	2	...	...
	7th do ...	...	...	...	1	4	2	70	72	36	34	2	4	...	...	28	35	14	9	3	3	...	...
	8th do ...	...	...	1	1	...	1	46	54	5	2	1	5	...	...	20	14	4	10	1	3	...	...
	Total...	9	4	16	24	18	18	515	507	65	68	7	21	...	...	179	178	65	61	22	26	4	1
July 1878.	1st Division. ...	...	...	2	2	3	10	110	88	13	13	1	...	...	...	34	32	28	11	2	7	...	...
	2nd do ...	2	...	4	2	4	2	110	110	1	...	6	3	...	...	15	31	9	8	6	4	...	...
	3rd do ...	2	2	3	6	1	...	33	60	3	4	1	...	...	...	8	22	6	2	3	3	...	...
	4th do ...	...	...	...	2	...	...	10	14	3	2	1	1	...	...	1	4	1	5	1	1	...	...
	5th do ...	...	...	3	6	5	4	71	72	2	4	2	...	...	...	16	16	12	13	7	3	...	...
	6th do ...	...	...	...	...	1	...	24	24	...	...	...	...	...	...	6	5	1	2	...	1	...	...
	7th do ...	...	...	1	2	1	1	72	66	24	34	2	2	...	...	22	17	8	8	3	4	...	...
	8th do ...	...	...	...	1	4	2	39	51	10	2	...	1	...	...	13	12	10	10	...	1	...	...
	Total...	4	2	13	21	19	19	469	485	56	59	13	7	...	...	115	139	75	59	22	24	...	...
August 1878.	1st Division. ...	1	1	1	2	15	9	165	125	19	21	1	...	...	...	46	32	43	33	10	13	...	...
	2nd do ...	5	...	6	1	3	3	155	153	3	2	5	4	...	...	41	36	26	27	11	10	...	...
	3rd do ...	2	...	3	4	4	4	76	71	2	8	...	1	...	...	18	26	9	20	6	4	...	3
	4th do ...	...	...	1	2	...	2	16	20	3	...	...	1	...	...	3	2	6	6	2	1	...	...
	5th do ...	2	...	7	4	5	4	101	122	3	4	1	...	...	...	29	26	20	27	5	6	...	...
	6th do ...	1	1	...	1	...	...	20	14	...	...	...	...	...	...	5	6	6	3	...	1	...	...
	7th do ...	1	...	2	...	3	3	103	79	27	34	...	...	...	...	25	20	18	22	5	8	...	...
	8th do ...	...	2	1	4	3	5	42	70	10	12	...	...	...	...	8	10	11	20	1	5	...	...
	Total...	12	4	21	18	33	30	678	654	67	81	7	6	...	...	175	158	139	158	40	48	...	3
September 1878.	1st Division. ...	1	...	5	4	6	6	210	181	23	19	...	...	...	...	74	62	66	49	15	15	...	...
	2nd do ...	3	3	11	2	3	3	138	177	1	1	4	2	...	...	32	66	29	23	7	10	1	...
	3rd do ...	2	1	8	7	3	4	80	100	4	6	...	...	...	...	27	36	18	21	4	10	...	...
	4th do ...	1	...	...	3	...	...	12	26	4	1	...	1	...	...	5	5	6	8	1	3	...	...
	5th do ...	2	6	9	7	4	11	115	135	7	6	...	...	...	...	24	39	38	50	4	5	...	...
	6th do ...	3	...	...	...	...	2	22	15	1	1	...	...	...	...	4	2	4	5	4	1	...	...
	7th do ...	...	...	2	4	5	4	119	85	40	30	1	1	...	...	35	24	41	26	10	7	...	...
	8th do ...	...	1	2	3	3	...	54	65	10	15	1	...	...	...	16	16	13	27	6		...	...
	Total...	12	11	37	30	24	30	750	784	90	79	6	4	...	...	217	250	215	209	51	57	1	...

VITAL STATISTICS.

TABLE XXIX—DEATHS.—(*Continued.*)

Return showing the Deaths from Special and other Diseases among all Classes, for the year 1878, *arranged according to Age and Division.*

Months.	Divisions.	Cause of Death. Injuries. Suicide. M.	Suicide. F.	Wounds M.	Wounds F.	Accident. M.	Accident. F.	Snake-bite. M.	Snake-bite. F.	Killed by Wild Animals M.	Killed by Wild Animals F.	All other causes. M.	All other causes. F.	Total. M.	Total. F.	Total of Males and Females.
April 1878.	1st Division.	2	1	...	...	4	2	...	...	...	...	65	68	153	160	313
	2nd do	...	...	...	...	3	2	...	...	...	...	59	58	114	116	230
	3rd do	1	1	...	...	4	1	...	...	...	...	31	40	66	64	130
	4th do	...	...	...	...	...	...	...	...	...	...	4	6	9	14	23
	5th do	...	...	...	...	1	2	...	...	...	...	45	50	93	115	208
	6th do	1	...	...	...	...	...	...	...	...	...	13	17	35	30	65
	7th do	...	...	...	...	...	...	...	...	...	...	51	60	102	106	208
	8th do	...	1	...	...	...	...	...	...	...	...	31	27	62	67	129
	Total...	4	3	...	...	12	7	...	...	...	...	299	326	634	672	1,306
May 1878.	1st Division.	...	1	...	...	3	1	1	...	...	...	69	54	161	109	270
	2nd do	...	1	...	...	...	1	...	...	...	...	91	47	184	96	230
	3rd do	...	...	...	...	3	...	...	...	...	...	47	42	76	82	158
	4th do	...	...	...	...	...	...	...	...	...	...	8	7	16	10	26
	5th do	...	...	...	...	1	3	...	...	...	...	53	58	98	117	215
	6th do	...	...	...	...	3	...	...	...	...	...	15	9	36	32	68
	7th do	1	...	...	...	2	...	...	...	...	...	58	61	116	114	230
	8th do	...	...	...	...	...	...	...	...	...	...	30	21	59	51	110
	Total...	1	2	...	...	12	5	1	...	...	...	371	299	696	611	1,307
June 1878.	1st Division.	2	...	...	...	3	1	...	...	...	...	60	52	134	97	231
	2nd do	...	...	...	...	2	1	...	...	...	...	64	71	115	126	241
	3rd do	...	...	...	...	1	...	...	...	...	...	45	51	73	70	143
	4th do	...	...	...	...	...	1	...	...	...	...	7	6	13	17	30
	5th do	1	...	...	...	...	2	...	...	...	...	37	51	79	117	196
	6th do	...	1	...	...	...	1	...	...	...	...	35	12	47	27	74
	7th do	...	...	...	...	2	...	...	...	...	...	61	58	110	109	219
	8th do	...	...	...	...	...	1	...	...	...	...	26	25	52	58	110
	Total...	3	1	...	...	8	7	...	...	...	...	335	326	623	621	1,244
July 1878.	1st Division.	...	1	...	...	...	1	...	...	...	...	63	61	128	113	241
	2nd do	...	...	...	...	2	3	...	...	...	...	83	65	121	114	235
	3rd do	...	...	...	...	...	...	...	...	...	...	24	45	42	72	114
	4th do	...	...	...	...	...	...	...	...	...	...	9	7	13	18	31
	5th do	...	1	...	...	1	4	...	...	...	...	43	49	81	86	167
	6th do	...	...	...	...	1	1	...	...	...	...	17	15	25	24	49
	7th do	...	...	...	...	2	...	...	...	...	...	61	72	98	103	201
	8th do	...	1	...	...	1	1	...	...	...	...	29	30	53	56	109
	Total...	...	3	...	...	7	10	...	...	...	...	329	344	561	586	1,147
August 1878.	1st Division.	2	...	...	...	5	...	...	...	...	...	94	80	201	158	359
	2nd do	1	1	...	...	2	2	...	...	...	...	86	79	172	159	331
	3rd do	2	...	...	...	5	1	...	...	...	...	47	32	87	87	174
	4th do	...	...	...	...	...	...	...	...	...	...	9	14	20	24	44
	5th do	...	1	...	...	2	3	...	...	...	...	61	71	118	134	252
	6th do	...	...	...	...	2	1	...	...	...	...	8	5	21	16	37
	7th do	...	...	...	...	2	...	...	...	...	...	86	66	186	116	252
	8th do	...	...	...	1	...	...	...	...	...	...	36	57	56	93	149
	Total...	5	2	...	1	18	7	...	...	...	...	427	404	811	787	1,598
September 1878.	1st Division.	2	2	...	...	2	2	...	...	...	...	86	80	245	210	455
	2nd do	...	1	...	...	...	2	...	...	...	...	83	82	156	186	342
	3rd do	1	1	1	...	3	1	...	...	...	...	43	49	97	118	215
	4th do	...	...	...	...	...	...	...	...	...	...	5	13	17	30	47
	5th de	1	...	...	...	1	3	...	...	...	...	69	68	137	165	302
	6th do	...	...	...	...	...	...	...	...	...	...	14	10	26	18	44
	7th do	...	1	...	...	4	2	...	...	...	...	75	62	166	123	289
	8th do	...	1	1	...	4	...	...	...	...	...	28	34	69	84	153
	Total...	4	6	2	...	14	10	...	...	...	...	403	398	913	934	1,847

VITAL STATISTICS.

Table XXIX—Deaths.—(*Continued*).

Return showing the Deaths from Special and other Diseases among all Classes for the year 1878, *arranged according to Age and Division.*

Months.	Divisions.	Age at the time of Death.																			
		Born dead.		Not exceeding 1 year.		1 to 6		6 to 12		12 to 20		20 to 30		30 to 40		40 to 50		50 to 60		Exceeding 60 years.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
April 1878.	1st Division. ...	...	3	17	13	31	30	9	12	5	15	18	21	15	16	13	12	16	14	29	24
	2nd do ...	...	8	23	18	16	20	7	5	7	9	15	11	8	5	15	16	13	12	10	22
	3rd do ...	3	2	12	9	10	11	2	5	4	4	5	10	4	5	10	2	7	2	9	14
	4th do ...	1	1	...	...	...	2	...	...	1	4	...	1	...	...	2	1	1	2	4	3
	5th do ...	5	4	15	20	25	20	5	3	4	7	4	20	4	6	6	5	14	10	11	20
	6th do ...	...	1	2	5	4	1	4	...	4	1	6	2	3	1	6	3	3	8	3	8
	7th do ...	1	1	26	23	23	21	8	3	2	2	8	10	6	12	6	5	7	5	15	24
	8th do ...	1	...	14	18	11	10	2	8	1	2	3	7	6	4	10	5	6	3	8	10
	Total...	11	20	109	106	120	115	37	36	28	44	59	82	46	49	68	39	67	56	89	125
May 1878.	1st Division. ...	3	...	19	21	28	18	14	11	9	9	8	4	13	7	16	6	16	6	35	27
	2nd do ...	...	1	43	24	14	14	4	6	2	9	9	10	14	3	12	6	14	4	22	19
	3rd do ...	4	3	20	14	12	16	3	...	1	4	2	8	8	4	9	7	9	11	8	15
	4th do ...	1	...	5	2	4	1	...	2	2	...	...	...	...	2	1	...	3	1	...	2
	5th do ...	6	6	25	28	16	11	2	4	1	8	8	25	5	5	7	9	8	7	20	14
	6th do ...	...	...	5	5	5	3	1	1	4	2	5	5	3	5	1	1	3	5	9	5
	7th do ...	2	2	32	30	8	22	1	7	4	10	6	9	12	7	14	6	9	5	28	16
	8th do ...	...	...	12	15	10	7	3	...	3	2	2	6	12	4	5	3	2	5	10	9
	Total...	16	12	161	139	97	92	28	31	26	44	40	67	67	37	65	38	64	44	132	107
June 1878.	1st Division. ...	1	...	30	20	17	18	8	5	5	6	10	10	15	11	12	6	8	4	28	17
	2nd do ...	...	5	31	30	17	19	4	4	4	10	12	12	6	8	12	12	10	6	19	20
	3rd do ...	2	1	23	19	12	12	8	3	2	9	3	7	10	2	4	5	3	3	6	9
	4th do ...	...	1	3	5	1	1	...	...	1	2	...	3	3	...	1	1	...	2	4	2
	5th do ...	5	6	18	17	20	24	2	6	3	11	2	12	4	8	5	6	5	8	15	19
	6th do ...	3	...	2	2	2	2	2	2	...	5	6	4	4	4	2	1	3	...	23	7
	7th do ...	4	1	32	21	19	24	5	3	4	8	4	15	4	8	15	7	4	8	19	14
	8th do ...	3	1	10	10	12	17	3	5	1	6	8	5	1	1	1	5	5	...	8	8
	Total...	18	15	149	124	100	117	32	28	20	57	45	68	47	42	52	43	38	31	122	96
July 1878.	1st Division. ...	...	...	34	24	12	11	6	8	6	6	8	10	10	13	13	14	11	8	28	19
	2nd do ...	2	1	33	29	11	23	6	2	3	7	7	16	18	9	9	3	15	4	17	20
	3rd do ...	3	4	14	21	6	5	2	4	1	4	2	5	2	6	3	2	4	4	5	17
	4th do ...	2	...	3	2	2	3	1	1	...	...	...	3	3	1	...	4	1	...	1	4
	5th do ...	4	6	32	21	12	9	2	1	1	5	2	10	5	5	5	6	4	4	14	19
	6th do ...	4	1	5	6	3	2	2	3	1	1	1	3	1	2	3	2	...	...	5	4
	7th do ...	...	2	38	31	16	10	...	7	1	7	7	10	8	4	3	6	8	7	17	19
	8th do ...	...	...	14	15	9	15	4	6	2	...	6	6	5	2	4	1	5	2	4	9
	Total...	15	14	173	149	71	78	23	32	15	30	33	63	52	42	40	38	48	29	91	111
August 1878.	1st Division. ...	2	2	42	27	33	24	11	7	7	3	10	18	14	13	17	12	29	18	36	34
	2nd do ...	3	1	54	38	24	27	8	3	6	11	16	11	12	11	14	13	18	11	17	33
	3rd do ...	3	4	30	19	10	16	3	2	4	3	4	7	6	7	8	3	9	8	10	18
	4th do ...	2	1	5	9	2	5	1	1	...	1	...	4	...	...	2	...	3	...	5	3
	5th do ...	6	9	39	38	27	15	4	4	1	4	4	16	7	14	7	6	7	8	16	20
	6th do ...	...	...	5	4	5	5	...	...	1	1	2	2	...	...	2	1	4	...	2	3
	7th do ...	1	1	52	37	22	22	4	3	3	8	5	7	9	5	8	8	13	8	19	17
	8th do ...	1	1	12	33	14	16	1	1	2	5	2	9	5	7	4	3	3	1	12	17
	Total...	18	19	239	205	137	130	32	21	24	36	43	74	53	57	62	46	86	54	117	145
September 1878.	1st Division. ...	1	...	42	27	46	50	20	12	12	11	12	20	20	24	17	21	39	12	36	33
	2nd do ...	2	1	44	49	25	30	6	7	6	5	10	10	11	16	13	10	19	16	20	42
	3rd do ...	5	1	26	28	19	18	4	2	3	13	4	5	8	7	5	5	9	10	14	29
	4th do ...	1	...	3	6	3	12	...	3	...	1	2	...	1	...	1	...	1	3	5	5
	5th do ...	8	5	26	30	29	46	7	2	5	7	3	8	10	15	11	11	15	10	23	31
	6th do ...	...	1	2	2	1	5	2	...	...	...	6	2	3	1	4	3	4	2	4	2
	7th do ...	1	...	41	40	36	28	7	4	9	1	5	8	8	6	4	6	24	11	31	19
	8th do ...	...	...	16	14	11	22	4	1	3	1	7	6	7	7	2	6	9	11	10	16
	Total...	18	8	200	196	170	211	50	31	38	39	49	59	68	76	57	62	120	75	143	177

VITAL STATISTICS.

TABLE XXIX.—DEATHS.—(*Continued.*)

Return showing the Deaths from Special and other Diseases among all Classes for the year 1878, *arranged according to Age and Division.*

Months.	Divisions.	Class.										Cause of Death.											
		Europeans.		East Indians.		Native Christians.		Hindu.		Mahomedans.		Small-pox.		Measles.		Fevers.		Dysentery.		Diarrhœa.		Cholera.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
October 1878.	1st Division...	...	...	2	2	15	7	179	177	14	14	...	...	...	...	71	69	44	44	5	13	...	...
	2nd do ...	8	...	2	1	2	...	121	146	6	1	3	7	...	...	39	47	9	21	13	6	3	1
	3rd do ...	1	...	7	4	...	1	62	78	8	10	...	...	...	...	25	34	7	11	5	7	...	...
	4th do ...	...	...	...	2	...	...	12	16	1	4	...	...	...	...	4	4	4	5	...	3	...	1
	5th do ...	2	...	8	10	5	6	98	123	4	8	...	1	...	...	23	39	28	24	4	1	...	1
	6th do ...	...	1	1	2	1	...	18	10	...	1	...	...	...	...	2	4	4	4	1	1	...	...
	7th do ...	...	1	3	1	4	3	82	82	36	29	1	2	...	...	41	36	15	15	4	5	...	...
	8th do ...	...	...	2	1	2	1	57	69	10	8	1	2	...	...	18	23	14	13	7	5	...	...
	Total...	11	2	25	23	29	18	629	701	79	75	5	12	...	...	223	256	125	137	39	41	3	3
November 1878.	1st Division...	...	1	1	...	9	5	157	146	10	15	1	...	...	...	69	76	27	24	3	6	2	3
	2nd do ...	2	1	4	3	1	2	118	121	4	1	4	9	...	...	33	42	12	7	7	8	3	4
	3rd do ...	...	1	6	6	6	3	43	76	5	7	2	2	...	...	18	33	4	5	3	1	5	7
	4th do ...	...	...	1	...	...	...	17	21	5	2	...	...	...	...	7	6	3	5	2	1	1	...
	5th do ...	2	1	2	4	2	7	66	84	6	7	...	1	...	...	24	24	9	21	3	2	1	2
	6th do ...	...	1	...	...	1	1	11	4	1	1	...	...	...	...	2	3	2	1	2	...	...	...
	7th do ...	...	1	...	...	2	4	60	70	27	27	1	...	...	...	26	25	13	11	2	3	...	1
	8th do ...	...	...	...	1	2	1	57	52	2	8	...	...	...	...	10	13	12	7	3	3	1	1
	Total...	4	6	14	14	23	23	529	574	60	68	8	12	...	...	189	222	82	81	25	24	13	18
December 1878.	1st Division...	...	...	1	...	6	10	147	126	10	17	1	1	...	...	55	58	21	17	10	12	...	...
	2nd do ...	2	...	2	...	...	1	138	96	3	...	2	4	...	...	33	30	10	8	9	...	3	...
	3rd do ...	2	1	4	5	2	1	53	66	4	11	5	4	...	...	18	34	5	5	2	4	2	1
	4th do ...	...	...	...	...	...	...	19	14	2	1	...	1	...	...	3	8	5	3	2	...	...	...
	5th do ...	1	...	4	2	8	7	88	81	2	3	...	1	...	...	25	28	15	8	1	2	1	1
	6th do ...	...	...	1	...	...	...	16	9	...	...	...	...	...	...	1	3	3	2	...	...	...	...
	7th do ...	1	1	2	...	2	2	75	66	22	18	2	...	...	...	20	15	10	11	2	3	...	...
	8th do ...	...	...	1	1	2	...	59	50	16	5	1	3	...	...	24	18	12	6	2	2	1	...
	Total...	6	2	15	8	20	21	595	508	59	55	11	14	...	...	179	194	81	60	28	23	7	2
	General Total.	79	36	171	170	210	214	5,287	5,230	589	659	89	107	1	...	1,627	1,753	970	963	286	296	28	30
	Total for January, February and March ...	30	13	54	54	98	100	2,740	2,597	267	314	130	121	...	...	822	780	758	743	259	267	15	12
	General Total.	109	49	225	224	308	314	8,027	7,827	856	973	219	228	1	...	2,449	2,533	1,728	1,706	545	563	43	42

VITAL STATISTICS.

TABLE XXIX.—DEATHS—(*Continued.*)

Return showing the Deaths from Special and other Diseases among all Classes for the year 1878, *arranged according to Age and Division.*

Months.	Divisions.	Cause of Death.														Total of Males & Females.
		Injuries.										All other causes.		Total.		
		Suicide.		Wounds.		Accident.		Snake-bites.		Killed by wild animals.						
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
October 1878.	1st Division	...	...	1	...	2	4	...	...	...	...	87	70	210	200	410
	2nd do.	...	...	1	...	...	1	...	...	...	...	71	65	139	148	287
	3rd do.	1	1	...	...	3	1	...	...	...	...	37	39	78	93	171
	4th do.	...	...	...	...	...	...	...	...	...	...	5	9	13	22	35
	5th do.	...	1	...	...	3	4	...	...	...	...	59	76	117	147	264
	6th do.	...	...	...	...	...	...	...	...	...	...	13	5	20	14	34
	7th do.	3	...	...	...	1	2	...	...	...	...	60	56	125	116	241
	8th do.	2	...	...	...	1	...	...	...	...	...	28	36	71	79	150
	Total...	6	2	2	...	10	12	...	...	...	...	360	356	773	819	1,592
November 1878.	1st Division	...	1	...	...	...	1	...	...	...	...	75	56	177	167	344
	2nd do.	1	...	...	...	1	1	...	...	...	...	68	57	129	128	257
	3rd do.	...	...	...	...	1	...	...	...	...	...	27	45	60	93	153
	4th do.	...	...	...	...	...	...	...	...	...	...	10	11	23	23	46
	5th do.	1	...	...	...	...	2	...	...	...	...	40	51	78	103	181
	6th do.	...	...	...	...	...	...	...	...	...	...	7	3	13	7	20
	7th do.	...	...	...	...	...	1	...	...	...	...	47	61	89	102	191
	8th do.	...	...	1	...	1	1	...	...	...	...	33	37	61	62	123
	Total...	2	1	1	...	3	6	...	...	...	...	307	321	630	685	1,315
December 1878.	1st Division	...	...	...	...	2	1	...	...	...	...	75	64	164	153	317
	2nd do.	...	...	...	...	2	2	...	...	...	...	86	53	145	97	242
	3rd do.	...	...	...	...	2	3	...	...	...	...	31	33	65	84	149
	4th do.	...	...	...	...	...	...	...	...	...	...	11	3	21	15	36
	5th do.	...	1	...	1	...	5	...	...	...	...	61	46	103	93	196
	6th do.	...	...	...	...	...	...	...	...	...	...	13	4	17	9	26
	7th do.	...	...	...	...	1	1	...	...	...	...	67	57	102	87	189
	8th do.	1	...	...	...	1	...	1	...	...	...	35	27	78	56	134
	Total...	1	1	...	1	8	12	1	...	...	...	379	287	695	594	1,289
	General Totul....	26	21	5	2	92	76	2	...	...	...	3,210	3,061	6,336	6,309	12,645
	Total for Jan., Feb. & Mar.	6	15	1	...	57	44	...	...	...	...	1,141	1,096	3,189	3,078	6,267
	General Total....	32	36	6	2	149	120	2	...	...	...	4,351	4,157	9,525	9,387	18,912

VITAL STATISTICS.

Table XXIX.—Deaths.—(*Concluded.*)

Return showing the Deaths from Special and other Diseases among all Classes for the year 1878, *arranged according to Age and Division.*

Months.	Divisions.	Age at the time of Death.																			
		Born dead.		Not exceeding 1 year.		1 to 6.		6 to 12.		12 to 20.		20 to 30.		30 to 40.		40 to 50.		50 to 60.		Exceeding 60 years.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
October 1878.	1st Division.	2	1	44	27	38	33	17	11	7	12	12	24	22	20	15	18	17	23	36	31
	2nd do. ...	3	5	33	32	18	32	6	12	6	9	12	11	13	10	19	9	12	12	17	16
	3rd do. ...	2	2	22	12	9	17	4	4	6	8	7	5	6	8	7	3	4	6	11	28
	4th do. ...	...	...	7	9	3	3	2	1	...	...	...	2	...	2	...	...	...	2	1	3
	5th do. ...	5	12	36	27	25	23	8	10	1	10	4	11	8	15	6	2	10	11	14	16
	6th do. ...	...	...	7	4	3	1	1	...	...	...	1	2	2	...	2	2	1	2	3	3
	7th do. ..	4	3	47	29	18	21	3	4	3	4	7	12	4	11	2	5	7	4	30	23
	8th do. ...	1	...	14	25	16	15	3	...	5	6	5	10	5	2	5	2	3	2	14	17
	Total...	17	23	210	165	130	145	44	42	28	49	48	77	60	68	56	51	54	62	126	137
November 1878.	1st Division.	2	1	33	25	31	28	12	6	7	13	12	13	19	19	14	17	11	16	36	29
	2nd do. ...	2	2	24	33	15	20	4	7	7	7	19	12	16	10	9	6	11	5	22	26
	3rd do. ...	...	2	22	20	3	8	1	9	3	2	3	11	5	2	4	6	6	7	13	26
	4th do. ...	2	1	8	6	4	3	...	1	1	1	1	2	...	...	2	2	2	1	3	6
	5th do. ...	1	4	22	21	10	15	1	6	2	4	4	16	12	5	2	9	7	4	17	19
	6th do. ...	1	...	2	...	2	...	...	...	...	2	1	1	...	1	...	...	3	1	4	2
	7th do. ...	2	1	25	23	13	14	1	3	2	6	6	7	3	11	6	5	8	12	23	20
	8th do. ...	...	...	21	15	3	7	2	2	2	2	4	10	4	2	7	3	5	3	13	18
	Total...	10	11	157	143	81	95	21	34	24	37	50	72	59	50	44	48	53	49	131	146
December 1878.	1st Division.	...	2	33	25	15	14	9	13	12	8	6	16	10	22	16	10	18	18	45	25
	2nd do. ...	1	2	36	30	16	14	6	4	4	5	11	7	11	5	17	4	20	7	23	19
	3rd do. ...	1	2	17	13	12	10	2	3	3	3	4	12	4	5	5	4	6	6	11	26
	4th do. ...	...	...	6	3	3	1	...	...	1	...	2	4	...	...	1	1	2	3	6	3
	5th do. ...	10	1	24	23	9	10	4	3	1	7	3	6	5	8	10	5	8	11	29	19
	6th do. ...	...	...	5	2	1	3	1	1	1	...	...	...	4	1	1	...	...	1	4	1
	7th do. ...	...	1	27	20	7	4	2	...	1	3	9	11	8	6	6	6	11	11	31	25
	8th do. ...	...	1	8	15	11	6	4		6	4	5	6	14	6	3	2	8	2	19	11
	Total...	12	9	156	131	74	62	28	27	29	30	40	62	56	53	59	32	73	59	168	129
	General Total	135	131	1,554	1,358	980	1,045	295	282	232	366	407	624	508	474	503	397	603	459	1,119	1,173
	Total for January, February and March ...	36	39	610	552	596	599	243	224	140	212	273	314	280	213	260	201	288	218	463	506
	General Total	171	170	2,164	1,910	1,576	1,644	538	506	372	578	680	938	788	687	763	598	891	677	1,582	1,679

MORTALITY FROM SPE

VITAL STATISTICS.

Table XXX.—Deaths.

Return showing the Deaths in the City of Madras, for the year 1878, *arranged according to Weeks.*

Number.	Weeks.	Deaths from								
		Small-pox.	Measles.	Fevers.	Dysentery.	Diarrhœa.	Cholera.	Other Diseases.	Total.	Ratio per Mile per annum.
1	1st to 4th Jany. 1878. ...	9	...	63	64	48	1	86	271	...
2	5th to 11th „ „ ...	27	...	173	167	87	2	169	625	81·7
3	12th to 18th „ „ ...	22	...	161	203	55	3	226	670	87·6
4	19th to 25th „ „ ...	17	...	176	156	59	2	235	645	84·3
5	26th to 1st Feby. „ ...	27	...	159	140	39	5	201	571	74·6
6	2nd to 8th „ „ ...	17	...	128	130	45	1	151	472	61·7
7	9th to 15th „ „ ...	28	...	114	97	32	3	173	447	58·4
8	16th to 22nd „ „ ...	27	...	83	132	26	2	182	452	59·1
9	23rd to 1st March „ ...	18	...	105	99	28	4	179	433	56·6
10	2nd to 8th „ „ ...	9	...	113	80	41	1	176	420	54·9
11	9th to 15th „ „ ...	12	...	95	66	25	1	164	363	47·4
12	16th to 22nd „ „ ...	13	...	100	72	12	...	171	368	48·1
13	23rd to 29th „ „ ...	19	...	83	53	24	1	153	333	43·5
14	30th to 5th April „ ...	10	...	96	57	19	...	172	354	46·3
15	6th to 12th „ „ ...	9	...	99	44	17	1	152	322	42·1
16	13th to 19th „ „ ...	10	...	62	40	13	1	148	274	35·8
17	20th to 26th „ „ ...	6	...	69	50	15	...	152	292	38·2
18	27th to 3rd May „ ...	6	...	82	45	6	...	146	285	37·3
19	4th to 10th „ „ ...	7	1	81	43	15	1	167	315	41·2
20	11th to 17th „ „ ...	6	...	81	35	9	...	143	274	35·8
21	18th to 24th „ „ ...	5	...	79	30	10	...	159	283	37·1
22	25th to 31st „ „ ...	7	...	81	56	15	...	150	309	40·4
23	1st to 7th June „ ...	6	...	80	36	11	1	167	301	39·3
24	8th to 14th „ „ ...	9	...	99	28	14	2	159	311	40·6
25	15th to 21st „ „ ...	9	...	90	21	9	1	157	287	37·5
26	22nd to 28th „ „ ...	2	...	73	25	6	...	159	265	34·6
27	29th to 5th July „ ...	4	...	53	32	10	1	156	256	33·4
28	6th to 12th „ „ ...	6	...	51	40	16	...	158	271	35·4
29	13th to 19th „ „ ...	2	...	54	26	11	...	144	237	30·9
30	20th to 26th „ „ ...	6	...	59	33	10	...	167	275	35·9
31	27th to 2nd Aug. „ .	4	...	69	34	8	...	159	274	35·8
32	3rd to 9th „ „ ..	..	...	69	46	16	...	173	304	39·7
33	10th to 16th „ „ ...	5	...	66	55	22	3	202	353	46·1
34	17th to 23rd „ „ ...	3	...	75	69	22	..	204	373	48·7
35	24th to 30th „ „ ...	3	..	88	89	18	...	188	386	50·4
36	31st to 6th Sept. „ ...	4	...	100	89	30	...	210	433	56·6
37	7th to 13th „ „ ...	1	...	98	126	24	1	202	452	59·1
38	14th to 20th „ „ ...	4	...	112	102	29	...	183	430	56·2
39	21st to 27th „ „ ...	3	...	118	89	19	...	197	426	55·7
40	28th to 4th Oct. „ ...	...	...	122	80	17	...	178	397	51·9
41	5th to 11th „ „ ...	3	...	119	70	20	...	181	393	51·4
42	12th to 18th „ „ ...	6	...	85	62	19	...	164	336	43·9
43	19th to 25th „ „ ...	3	...	113	46	22	1	153	338	44·2
44	26th to 1st Nov. „ ...	5	...	88	49	15	5	184	346	45·2
45	2nd to 8th „ „ ...	8	...	114	45	14	...	144	325	42·5
46	9th to 15th „ „ ...	1	...	106	43	7	3	163	323	42·2
47	16th to 22nd „ „ ...	3	...	107	34	15	19	157	335	43·8
48	23rd to 29th „ „ ...	7	...	75	37	10	10	138	277	36·2
49	30th to 6th Dec. „ ...	3	...	93	29	8	2	155	290	37·9
50	7th to 13th „ „ ...	7	...	88	33	10	2	131	271	35·4
51	14th to 20th „ „ ...	5	...	80	29	16	1	149	280	36·6
52	21st to 27th „ „ ...	6	...	80	37	10	2	188	323	42·4
53	28th to 31st „ „ ...	8	...	75	41	10	2	130	266	...
	Total...	447	1	4,982	3,434	1,108	85	8,855	18,912	47·5

VITAL STATISTICS.

TABLE XXXI.—DEATHS.

Return showing the average Deaths in the City of Madras, for 10 previous years, arranged according to Weeks.

Number.	Weeks.	Deaths from								
		Small-pox	Measles.	Fevers.	Dysentery.	Diarrhœa.	Cholera.	Other Diseases.	Total.	Ratio per mile per annum.
1	1st to 4th Jan. 1878.	4·4	0·1	31·8	14·7	13·0	17·4	94·8	176·2	...
2	5th „ 11th „ „	7·9	0·7	53·5	25·0	26·1	40·4	167·4	321·0	41·9
3	12th „ 18th „ „	9·5	0·7	52·5	25·7	23·3	49·4	175·6	336·7	44·0
4	19th „ 25th „ „	12·8	0·6	51·4	25·1	28·3	34·7	170·1	323·0	42·2
5	26th „ 1st Feb. „	18·1	0·4	52·6	27·7	27·2	60·1	165·6	351·7	46·0
6	2nd „ 8th „ „	21·5	0·9	52·0	29·8	27·0	43·2	157·3	331·7	43·3
7	9th „ 15th „ „	32·9	0·8	51·7	30·7	21·7	35·1	166·8	339·7	44·4
8	16th „ 22nd „ „	40·5	1·5	49·5	28·6	25·1	22·9	157·3	325·4	42·5
9	23rd „ 1st March „	48·5	2·6	53·3	34·7	32·2	22·8	165·6	359·7	47.0
10	2nd „ 8th „ „	48·4	2·0	51·7	32·5	24·7	23·2	155·3	337·8	44·1
11	9th „ 15th „ „	52·6	2·5	56·0	30·8	25·1	16·1	157·7	340·8	44·5
12	16th „ 22nd „ „	60·2	1·6	51·5	29·2	21·4	17·5	155·4	336·8	44·0
13	23rd „ 29th „ „	65·5	1·4	55·6	29·8	23·7	15·3	150·9	342·2	44·7
14	30th „ 5th April „	55·2	1·8	46·1	24·4	23·2	15·6	145·5	311·8	40·7
15	6th „ 12th „ „	60·3	2·3	51·0	25·6	19·6	13·5	143·1	315·4	41·2
16	13th „ 19th „ „	56·1	1·7	49·7	23·4	20·3	15·4	165·6	322·2	42·1
17	20th „ 26th „ „	46·7	1·8	53·4	27·0	22·3	12·9	159·1	323·2	42·2
18	27th „ 3rd May „	17·2	0·8	43·7	17·9	14·6	4·8	146·3	245·3	32·0
19	4th „ 10th „ „	16·0	1·2	46·4	17·1	14·6	7·7	142·5	245·5	32·1
20	11th „ 17th „ „	15·0	1·4	46·9	14·2	15·4	9·7	150·8	253·4	33·1
21	18th „ 24th „ „	10·1	0·4	44·5	16·4	17·0	10·2	141·9	240·5	31·4
22	25th „ 31st „ „	10·1	0·5	46·8	18·9	16·4	13·4	151·6	257·7	33·7
23	1st „ 7th June „	10·2	0·5	46·8	21·0	14·1	17·3	153.8	263·7	34·4
24	8th „ 14th „ „	8·1	0·7	47·7	15·8	17·1	21·3	146·8	257·5	33·6
25	15th „ 21st „ „	8·8	0·6	42·5	18·2	16·1	12·9	148·4	247·5	32·3
26	22nd „ 28th „ „	8·1	0·2	44·1	20·2	16·6	10·5	144·3	244·0	31·9
27	29th „ 5th July „	7·5	0·4	47·4	17·5	17·3	12·0	145·8	247·9	32·4
28	6th „ 12th „ „	4·7	0·3	46·2	19·2	16·2	8·6	150·2	245·4	32·0
29	13th „ 19th „ „	5·5	0·3	46·4	18·8	17·3	8·8	155·1	252·2	32·9
30	20th „ 26th „ „	8·9	0·2	43·3	21·4	19·9	12·5	154·4	260·6	34·0
31	27th „ 2nd Aug. „	6·4	0·3	43·2	21·9	18·1	13·5	152·2	255·6	33·4
32	3rd „ 9th „ „	6·3	0·3	44·5	19·3	24·1	16·7	151·7	262·9	34·3
33	10th „ 16th „ „	5·1	...	47·4	20·7	21·3	16·7	157·0	268·2	35·0
34	17th „ 23rd „ „	8·7	0·2	48·7	20·5	19·5	16·2	157·3	271·1	35·4
35	24th „ 30th „ „	5·7	...	45·2	22·7	21·8	19·0	148·9	263·3	34·4
36	31st „ 6th Sep. „	6·6	0·3	47·2	22·7	21·5	21·3	153·7	273·3	35·7
37	7th „ 13th „ „	5·4	0·4	47·4	24·9	16·8	14·0	156·0	264·9	34·6
38	14th „ 20th „ „	3·5	0·4	44·3	23·8	18·0	14·7	149·2	253·9	33·2
39	21st „ 27th „ „	3·1	0·2	46·1	21·3	18·1	9·7	151·1	249·6	32·6
40	28th „ 4th Oct. „	4·5	0·5	44·1	24·4	18·7	8·9	160·2	261·3	34·1
41	5th „ 11th „ „	4·5	0·4	51·5	18·2	17·0	6·6	148·2	246·4	32·2
42	12th „ 18th „ „	3·2	0·3	45·8	20·5	17·0	5·0	152·4	244·2	31·9
43	19th „ 25th „ „	3·3	0·2	44·4	18·7	15·3	6·4	148·5	236·8	30·9
44	26th „ 1st Nov. „	3·4	0·2	41·0	19·8	17·0	7·4	148·6	237·4	31·0
45	2nd „ 8th „ „	4·7	0·3	42·7	21·3	16·9	7·1	158·0	251·0	32·8
46	9th „ 15th „ „	3·3	0·4	44·8	19·1	17·7	7·3	156·8	249·4	32·6
47	16th „ 22nd „ „	2·4	0·5	42·4	19·4	19·5	6·1	157·0	247·3	32·3
48	23rd „ 29th „ „	4·3	0·8	40·7	21·5	15·8	7·3	165·1	255·5	33·4
49	30th „ 6th Dec. „	4·1	0·7	45·4	22·5	19·8	11·8	165·9	270·2	35·3
50	7th „ 13th „ „	4·9	0·2	45·5	24·0	24·1	11·9	162·3	272·9	35·6
51	14th „ 20th „ „	7·0	0·3	48·1	22·4	21·3	14·0	164·8	277·9	36·3
52	21st „ 27th „ „	5·2	0·6	46·2	23·2	21·4	17·4	160·3	274·3	35·8
53	28th „ 31st „ „	2·9	0·1	30·6	14·7	8·8	7·7	91·2	156·0	...
	Total...	879·8	38·5	2483·2	1188·8	1046·3	871·9	8091·4	14599·9	1909·6

VITAL STATISTICS.

TABLE XXXII.—DEATHS.

Return showing the Total of Monthly Registration of Births and Deaths in the City of Madras, for the year 1878, arranged according to Division.

Municipal Divisions.	Names of Villages.	Population.	April.		May.		June.		July.	
			Births.	Deaths.	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.
1	Tondiarpettah	35,240	12	15	18	12	18	8	25	18
	Washermenpettah	6,409	129	92	135	92	169	78	181	87
	Royapuram	11,089	106	91	103	71	108	64	97	63
	Cashmode	12,383	41	65	60	62	43	49	57	37
	Total...	65,121	288	263	316	237	3 8	199	360	205
2	Peddoo Naick's Pettah	65,629	171	207	175	194	179	217	18	213
	Big Parcherry	5,179	...	2	...	6	...	7	...	3
	John Pereira's Garden	2,930	1	...	...	4	...	6	...	5
	Total...	73,738	172	209	175	204	179	230	185	221
3	Moothealpettah	32,062	107	130	143	156	139	143	161	112
	Uttapaulium	18,895	...	...	...	...	...	...	...	...
	Fort Saint George	1,588	...	...	...	2	...	...	...	2
	Total...	52,545	107	130	143	158	139	143	161	114
4	Gunpowder Mills	641	1	1	3	1	1	2	2	...
	Perambere	5,650	29	16	22	19	32	23	46	28
	Viasarapaudy	3,500	1	6	3	6	10	5	16	3
	Total...	9,791	31	23	28	26	43	30	64	31
5	Choolay	15,000	31	41	40	43	49	38	45	36
	Pursewalkum	19,006	48	77	58	66	57	58	52	43
	Peresametoo ... ... }	11,275	15	25	23	17	19	18	16	19
	New Town ... ... }		...	...	...	8	...	5	...	4
	Vepery	4,500	2	6	4	9	4	12	4	2
	Poodoopettah	3,774	6	12	10	10	5	13	12	14
	Egmore	4,392	17	16	17	19	7	22	14	21
	Comaleeswarapuram	7,544	6	10	7	7	4	6	10	7
	Total...	65,491	125	187	159	179	145	172	153	146
6	Kilpaukum	5,222	17	6	13	15	11	11	4	12
	Chetput	2,611	35	16	18	6	37	19	17	20
	Nungumbaukum	7,704	21	27	19	34	30	29	27	8
	Mackey's Garden	3,853	13	10	14	9	20	10	18	6
	Total...	19,390	86	59	64	64	98	69	66	46
7	Poodoopaukum	6,087	12	19	19	26	20	20	39	18
	Chintadripettah	15,120	41	45	34	55	36	55	50	47
	Narasingapuram	3,406	3	8	7	10	10	9	7	10
	Triplicane	33,253	83	125	84	119	91	112	94	106
	Theroovateeswaranpettah	12,057	12	11	15	10	16	23	11	20
	Total...	69,568	151	208	159	230	173	219	201	201
8	Saint Thomé	20,575	50	62	55	50	50	62	61	67
	Alwarpettah...	1,163	...	1	2	1	1	...	...	...
	Royapettah	5,255	10	20	12	19	22	23	17	14
	Meer Saib'spettah	2,050	4	8	6	3	8	13	10	11
	Kistnampettah	5,193	7	8	4	17	8	8	14	6
	Thanampettah	7,246	12	11	13	7	5	3	14	6
	Total...	41,482	83	110	92	97	94	109	117	104
	General Total...	397,126	1,043	1,189	1,136	,195	1,209	1,171	1,307	1,068
	Monegar Choultry Hospital ...	426	...	50	...	33	...	32	...	36
	General "	...	...	21	...	26	...	11	...	14
	Lock "	...	...	...	...	...	...	...	...	..
	Hospital for Women and Children ...	...	...	11	...	12	...	10	...	11
	Lying-in-Hospital	...	81	10	94	20	107	14	132	9
	Penitentiary Hospital	...	...	...	...	4	...	...	...	1
	Lunatic Asylum	...	...	6	...	4	...	5	...	3
	Royapettah Hospital	...	...	19	...	13	...	1	...	5
	Total...	426	81	117	94	112	107	73	3	79
	General Total...	397,552	1,124	1,306	1,230	1,307	1,316	1,244	1,439	1,147

VITAL STATISTICS.

TABLE XXXII.—DEATHS.—(*Continued.*)

Return showing the Total of Monthly Registration of Births and Deaths in the City of Madras, for the year 1878, arranged according to Division.

Municipal Divisions.	Names of Villages.	August.		September.		October.		November.		December.	
		Births.	Deaths.	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.
1	Tondiarpettah	15	13	22	20	17	15	9	15	14	18
	Washermenpettah... ...	168	127	171	188	161	178	149	144	150	123
	Royapuram...	93	78	109	88	100	92	82	76	92	65
	Cashmode	56	68	45	63	55	52	54	50	38	53
	Total...	332	286	347	359	333	337	294	285	294	259
2	Peddoo Naick's Pettah ...	193	297	163	311	156	258	146	234	166	222
	Big Parcherry	...	12	...	10	...	1	...	3	...	1
	John Pereira's Garden ...	2	1	...	1	...	...	...	1	...	...
	Total...	195	310	163	322	156	259	146	238	166	223
3	Moothealpettah	155	173	167	215	145	171	131	153	115	149
	Uttapaulium	...	...	...	...	...	...	...	...	...	...
	Fort Saint George... ...	1	1	...	...	...	...	...	...	...	...
	Total...	156	174	167	215	145	171	131	153	115	149
4	Gunpowder Mills	1	...	2	...	3	1	6	2	2	2
	Perambore	34	37	33	34	24	28	31	32	22	26
	Viasarapaudy	12	7	4	13	7	6	10	12	3	8
	Total...	47	44	39	47	34	35	47	46	27	36
5	Choolay	40	61	25	64	26	47	32	39	34	30
	Pursewalkum	77	87	60	116	60	102	51	50	49	81
	Pereamettoo	24	27	7	29	21	35	11	24	27	24
	New Town	...	2	1	4	...	8	...	2	...	1
	Vepery	5	8	9	20	7	10	13	10	18	10
	Poodoopettah	12	10	13	17	7	17	8	11	13	12
	Egmore	15	18	21	15	12	14	13	15	16	7
	Comaleeswarapuram ...	18	8	6	12	20	11	5	9	11	11
	Total...	191	221	142	277	153	244	133	160	168	176
6	Kilpaukum	9	11	11	5	13	4	15	5	6	7
	Chetput	13	14	16	22	15	7	14	4	17	2
	Nungumbaukum ... —	19	5	32	6	25	17	20	7	17	12
	Mackey's Garden	11	4	13	3	16	2	12	3	18	1
	Total...	2	34	72	36	69	30	61	19	58	22
7	Poodoopaukum	23	34	29	25	14	23	49	17	23	24
	Chintadripettah	64	54	47	63	43	54	39	47	32	45
	Narasingapuram	7	19	5	21	8	5	3	11	8	10
	Triplicane	91	138	100	151	102	122	87	104	94	99
	Theroovateeswaranpettah..	17	17	17	29	6	32	17	12	7	11
	Total...	202	252	198	289	173	241	195	191	164	189
8	Saint Thomé	68	83	82	67	57	78	59	71	58	74
	Alwarpettah	4	2	4	5	6	5	6	8	4	2
	Royapettah...	17	21	20	31	14	17	16	7	21	18
	Meer Saib'spettah ...	11	16	9	11	10	8	7	11	5	7
	Kistnampettah	6	12	8	7	9	14	8	11	4	17
	Thanampettah	22	11	16	19	24	17	13	9	14	5
	Total...	128	145	139	140	120	139	109	117	106	123
	General Total...	1,303	1,466	1,267	1,685	1,183	1,456	1,116	1,209	1,098	1,177
	Monegar Choultry Hospital.	...	73	...	96	...	73	...	59	...	58
	General " ...	...	21	...	20	...	28	...	19	...	19
	Lock " ...	..	...	...	...	...	...	...	...	...	...
	Hospital for Women and Children	...	18	...	13	...	6	...	12	...	14
	Lying-in-Hospital... ...	127	12	150	10	119	11	122	6	112	6
	Penitentiary Hospital ...	...	1	...	2	...	3	...	3	...	...
	Lunatic Asylum	...	3	...	8	...	4	...	1	...	4
	Royapettah Hospital ...	...	4	...	13	...	11	...	6	...	11
	Total...	127	132	150	162	119	136	122	106	112	112
	General Total...	1,430	1,598	1,417	1,847	1,302	1,592	1,238	1,315	1,210	1,289

VITAL STATISTICS.

TABLE XXXII.—DEATHS.—(*Concluded.*)

Return showing the City of Monthly Registration of Births and Deaths in the City of Madras, for the year 1878, arranged according to Division.

Municipal Divisions.	Names of Villages	Total.		Total Births for January, February & March.	Total Deaths for January, February & March.	Total.		Ratio per 1,000 of population.	
		Births.	Deaths.			Births.	Deaths.	Births.	Deaths.
1	Tondiarpettah	150	134	45	69	195	203	49·1	45·4
	Washermenpettah	1,413	1,109	420	581	1,833	1,690		
	Royapuram	890	692	312	395	1,202	1,087	108·3	98·0
	Cashmode	449	495	137	240	586	735	47·2	59·3
	Total...	2,902	2,430	914	1,285	3,816	3,715	58·5	57·0
2	Peddoo Naick's Pettah	1,534	2,153	492	1,046	2,026	3,199	30·8	48·7
	Big Parcherry	...	45	3	33	3	78	0·5	15·0
	John Pereira's Garden	3	18	1	5	4	23	1·3	7·3
	Total...	1,537	2,216	496	1,084	2,033	3,300	27·5	44·4
3	Moothealpettah	1,263	1,402	398	613	1,661	2,015	32·5	39·5
	Uttapaulium	...	...	...	...	...	...		
	Fort St. George	1	5	1	7	2	12	1·2	7·5
	Total...	1,264	1,407	399	620	1,663	2,027	31·6	38·5
4	Gunpowder Mills	21	9	1	...	22	9	34·3	14·0
	Perambore	273	243	48	128	321	371	56·8	65·6
	Viasarapaudy	66	66	12	32	78	98	22·2	28·0
	Total...	360	318	61	160	421	478	42·2	48·8
5	Choolay	322	399	94	293	416	692	27·6	46·1
	Pursewalkum	512	680	130	286	642	966	33·7	60·8
	Pereamettoo	163	218	46	108	209	326	18·1	32·1
	New Town	1	34	...	12	1	46		
	Vepery	66	87	13	55	79	142	17·5	31·5
	Poodoopettah	86	116	30	72	116	188	30·7	49·8
	Egmore	132	147	53	82	185	229	26·0	25·0
	Comaleeswarapuram	87	81	39	43	126	124		
	Total...	1,369	1,762	405	951	1,774	2,713	27·1	41·4
6	Kilpaukum	99	76	36	34	135	110	25·8	22·9
	Chetput	182	110	56	10	238	120	91·1	45·9
	Nungumbaukum	210	145	72	50	282	195	36·6	25·3
	Mackey's Garden	135	48	39	27	174	75	45·1	19·4
	Total...	626	379	203	121	829	500	42·2	25·7
7	Poodoopaukum	228	211	50	111	278	322	45·6	52·8
	Chintadripettah	386	465	122	174	508	639	33·5	42·2
	Narasingapuram	58	103	18	29	76	132	24·9	43·3
	Triplicane	826	1,076	191	448	1,017	1,524	30·5	45·3
	Theroovateeswaranpettah ...	118	165	22	74	140	239	11·6	19·8
	Total...	1,616	2,020	403	836	2,019	2,856	29·0	41·0
8	Saint Thomé	540	614	140	281	680	895	32·5	42·3
	Alwarpettah	28	24	...	1	28	25		
	Royapettah	149	170	48	81	197	251	37·4	47·7
	Meer Saib's Pettah	70	88	15	39	85	127	41·4	61·9
	Kistnampettah	63	100	12	39	80	139	15·5	26·7
	Thanampettah	133	88	47	43	180	131	24·8	18·0
	Total...	988	1,084	262	484	1,250	1,568	30·1	37·8
	General Total...	10,662	11,616	3,143	5,541	13,805	17,157	34·7	43·2
	Monegar Choultry Hospital ...	...	510	...	351	...	861	...	2021·1
	General " ...	...	179	...	93	...	277	...	...
	Lock " ...	...	...	...	1	...	1	...	...
	Hospital for Women and Children.	...	107	...	116	...	223	...	...
	Lying-in-Hospital	1,044	98	255	35	1,299	133	...	...
	Penitentiary Hospital	...	14	...	4	...	18	...	...
	Lunatic Asylum	...	38	...	13	...	51	...	...
	Royapettah Hospital	...	83	...	108	...	191	...	...
	Total...	1,044	1,029	255	726	1,299	1,755	..	...
	General Total...	11,706	12,645	3,398	6,267	15,104	18,912	37·9	47·5

MUNICIPAL OFFICE,
21st August, 1879.

N. BAZELY,
Office Assistant,
In charge of Registration Department.

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